



BSBXBD406

ASSESSOR GUIDE – Part 1 of 3

Present big data insights

Assessment 4 of 5

Project

Version 1



Assessment Instructions

Task overview

This assessment task is divided into five (5) parts having 15 demonstration activities. Read each question carefully before documenting the demonstration task evidence in the spaces provided.

To complete this assessment, you will need the following:

Information and telecommunications equipment

- A computer installed with the Windows operating system.
- Microsoft Power BI Desktop App - Download and install the free 'Power BI Desktop' app from Microsoft Store: [Downloads | Microsoft Power BI](https://powerbi.microsoft.com/en-au/downloads/) (Long URL: <https://powerbi.microsoft.com/en-au/downloads/>)

Additional resources and supporting documents

BSBXBD406_04_Project_Scenario documents [zipped folder] - This folder contains the following sub-folders, scenario documents and templates required for reference and use when performing the tasks in this assessment.

- AUS Retail_POC development guidelines [.pdf]
- AUS Retail_Stakeholder communication policy [.docx]
- **AUS Retail_Presentation #1** [folder]
 - AUS Retail_Transactions [.xlsx]
 - Presentation #1_Data model specification [.pdf]
 - Presentation #1_Confirmed requirement specification [.pdf]
 - Presentation #1_POC template with transactional dataset loaded [.pbix]
- **AUS Retail_Presentation #2** [folder]
 - AUS Retail_Product Defects [.xlsx]
 - Presentation #2_Data model specification [.pdf]
 - Presentation #2_Confirmed requirement specification [.pdf]
 - Presentation #2_POC template with non-transactional dataset loaded [.pbix]

Assessment Information

Submission

You are entitled to three (3) attempts to complete this assessment satisfactorily. Incomplete assessments will not be marked and will count as one of your three attempts.

All questions must be responded to correctly to be assessed as satisfactory for this assessment.

Answers must be typed into the space provided and submitted electronically via the LMS. Hand-written assessments will not be accepted unless previously arranged with your assessor.

Reasonable adjustment

Students may request a reasonable adjustment for assessment tasks.

Reasonable adjustment usually involves varying:

- the processes for conducting the assessment (e.g. allowing additional time)
- the evidence gathering techniques (e.g. oral rather than written questioning, use of a scribe, modifications to equipment)

However, the evidence collected must allow the student to demonstrate all requirements of the unit.

Refer to the Student Handbook or contact your Trainer for further information.



Please consider the environment before printing this assessment.

Part A: Project scenario

All tasks in this assessment refer to a simulated environment where conditions are typical of a work environment that uses big data related to a fictitious retail business organisation called 'AUS Retail'.

Read the project scenario carefully before doing the demonstration tasks in Part B.

A1. Company Background

AUS Retail started as a single retail store based in Sydney, NSW. They now have retail store locations across several other states and territories in Australia and continue to grow with the goal of eventually setting up stores across all states in Australia. As the business is growing rapidly, the management requires a more accurate and efficient way to gain insights into their retail sales, store performance, products and vendor quality.

Current project

To achieve the organisation's big data analytic requirements, the company has set up a separate team to analyse the organisation's transactional and non-transactional data. The team will be led by the **Chief Data Officer (CDO)**, Mia Gonzales.

Previously the team had reached out to key stakeholders and relevant teams/departments to confirm business requirements and to identify the relevant captured big data sets required for presenting big data insights specifically for two presentation requests. The details of these two presentations are as follows:

- **Presentation #1:** The first presentation of big data insights was requested by AUS Retail's CFO, Karen Jones (Karen.Jones@ausretail.com.au) to provide insights into the gross profit margins (monthly and yearly) of the sales figures from all AUS Retail's store locations with breakdowns for product categories and customer segments. The recent reports from the store locations during 2018-2021 have suggested that these values were lower than the expected value.
- **Presentation #2:** The second presentation of big data insights was requested by AUS Retail's Head of Operations, Daniel Brown (Daniel.Brown@ausretail.com.au) to provide visibility of the vendor product quality. The recent reports on product defects from all store locations during the period of 2018-2021 suggested that some product shipments from specific vendors had significant numbers of defects which seemed to be increasing every year.

Now, the analyst team is tasked with developing the presentations of big data insights for these two presentations.

Mia had prepared a series of policy and procedure documents with up-to-date information on the process that should be followed by the analyst team when developing the presentation of big data insights.

A2. Your role

You have recently joined AUS Retail as a trainee analyst and have been given the opportunity to work on the new big data analysis project. Your supervisor is Mia Gonzales (CDO). You must comply with any legislative requirements and follow standard operating procedures as outlined in AUS Retail's policy and procedure documents when preparing, developing and finalising the presentation of big data insights.

A3. Big data suited to business requirements

The data analyst team is provided access to two Power BI work files loaded with the big data suited to address the business requirements of 'Presentation #1' and 'Presentation #2'. These work files also contain a copy of AUS Retail's standard dashboard template.

- Presentation #1_POC template with transactional dataset loaded
 - The transactional dataset **AUS Retail_Transactions (.xlsx)** is already loaded to this file.
- Presentation #2_POC template with non-transactional dataset loaded
 - The non-transactional dataset **AUS Retail_Product Defects (.xlsx)** is already loaded to this file.

Note: Copies of the original dataset files are included within their respective folders 'AUS Retail_Presentation #1' and 'AUS Retail_Presentation #2' for further reference.

A4. Industry standards and organisational procedures

You are provided with the following organisational documents and data files related to the fictitious organisation AUS Retail to assist with the big data presentation.

- **AUS Retail_POC development guidelines.pdf** – This is the standard procedure document for designing and developing dashboards and reports at AUS Retail. This includes organisational procedures and industry standards for presenting and visualising big data.
- **AUS Retail's Dashboard and Report Templates** – These should be used as a baseline standard for all Power BI dashboards and reports created for presenting big data insights within AUS Retail. A copy of these templates are included in each of the Power BI work files provided for each presentation.

A5. Specification documents

The following specification documents contain technical information related to the preparation of the datasets provided that must be referred to when developing the presentation of big data insights. These documents are placed within their respective folders 'AUS Retail_Presentation #1' and 'AUS Retail_Presentation #2'.

AUS Retail_Presentation #1 [folder]

- **Presentation #1_Data model specification.pdf** – This contains details of the **transactional** dataset relevant to 'Presentation #1' and its structure. It outlines how the fact and dimension tables in this dataset are linked and the recommended data model/schema to be implemented when using the dataset for presentations.
- **Presentation #1_Confirmed requirement specification.pdf** – This contains detailed specifications and format of the interactive dashboards and drill-through reports required to be created for 'Presentation #1'. It contains wireframe designs and detailed specifications of the key measures, key fields, and visualisation types including guidelines for configuring and formatting visual elements.

AUS Retail_Presentation #2 [folder]

- **Presentation #2_Data model specification.pdf** – This contains details of the **non-transactional** dataset (Product preferences) relevant to 'Presentation #2' and its structure. It outlines how the fact and dimension tables in this dataset are linked and the recommended data model/schema to be implemented when using the dataset for presentations.
- **Presentation #2_Confirmed requirement specification.pdf** – This contains detailed specifications and format of the interactive dashboards and drill-through reports required to be created for 'Presentation #2'. It contains wireframe designs and detailed specifications of the key measures, key fields, and visualisation types including guidelines for configuring and formatting visual elements.

Part B: Create proof of concepts (POCs) for 'Presentation #1'

To complete this part of the assessment, you are required to:

- carefully read the scenario details outlined within this section
- follow industry standards, organisational procedures and guidelines provided
- use the *Power BI Desktop* technology platform to perform the tasks.

Scenario continued:

You have received the following email from your supervisor Mia Gonzales, briefing you about the next task.

From: Gonzales, Mia

To: Student Lastname, Student Firstname

Attachments: AUS Retail_POC development guidelines [.pdf], AUS Retail_Presentation 1# [.zip file containing; Presentation #1_Data model specification.pdf, Presentation #1_Confirmed requirement specification.pdf and Presentation #1_POC template with transactional dataset loaded.pbix files]

Subject: Create the proof-of-concepts (POCs) for 'Presentation #1'

Hi <student name>,

Thank you for reaching out to our project sponsor, Karen Jones and relevant teams/departments to confirm business requirements and the relevant data sets required for the first presentation.

The requirements and specifications of all the elements for the presentation are now confirmed. Our IT support team together with the Sales department have provided us access to the captured big data required for the presentation.

Therefore, your next task is to create the POCs for the requested interactive dashboard, tooltip and drill-through reports for 'Presentation #1'. Please find the following attached documents, which contain valuable information related to the task.

- **AUS Retail_POC development guidelines [.pdf]** – Please refer to sections 1, 2 and 3 to understand the procedure involved and the recommended tools you can use to design, develop and test the POCs.
- **Presentation #1_Confirmed requirement specification [.pdf]** – This includes the confirmed requirements and specifications related to the presentation along with the wireframe diagrams that outline the approximate layout of the dashboard and report pages.
- **Presentation #1_POC template with transactional dataset loaded [.pbix]** – This is a Power BI work file that includes copies of AUS Retail's recommended templates. Also, most importantly, the transactional dataset required for this presentation is already loaded into this Power BI work file.
- **Presentation #1_Data model specification [.pdf]** – Details of the transactional dataset model are specified in this document.

Start by planning and logically sequencing the essential elements of the presentation and then use the recommended Power BI template to organise the layout for the visual elements in 'Presentation #1' dashboard and report according to the specifications provided. I have put together some checklists (Tables 2, 3, 4 & 5) to help you effectively create and test the POCs.

All the best and kind regards,

Mia Gonzales

Chief Data Officer (CDO)

Mia.Gonzales@ausretail.com.au



Before printing this email please consider the environment.

This message may contain privileged information or confidential information or both and is intended for the recipient named. If you are not the intended addressee, please delete it and notify the sender.

As preparation for this task, do the following first.

- Open the Power BI work file relevant to 'Presentation #1' provided to you (which is already loaded with the transactional dataset).
- Save this file as 'Presentation #1_POCs_YourName_ddmmyyyy' with your name details and current date information. **Note:** You must use this Power BI work file to perform all tasks in this section (B1-B6) of this assessment.

B1. Create the dashboard and report layouts for 'Presentation #1'

In this task, you will create the initial dashboard and report layouts for 'Presentation #1' considering the information outlined in the email from your supervisor.

Task:

Create the layout of the dashboard and the drill-through report for 'Presentation #1'.

When doing this task, you must:

- a. refer to the *AUS Retail_Dashboard development guidelines.pdf* to understand the organisation's expectations when creating dashboards and reports
- b. refer to the following sections in *Presentation #1_Confirmed requirement specification.pdf* for the canvas, title, sub-title and layout requirements.
 - 'Wireframe diagrams' > Figures 1-3
 - 'Basic layout requirements' > Tables 1 & 2
- c. use AUS Retail's recommended templates to create the 'Dashboard Layout' and 'Report Layout' pages within the Power BI work file for 'Presentation #1'
- d. plan and organise the placement of visuals on the 'Dashboard Layout' and 'Report Layout' pages using the building blocks [shapes] in the template and indicate the size measurements for each. Note: You may add/adjust the sizes of the building blocks as necessary to create the layout.

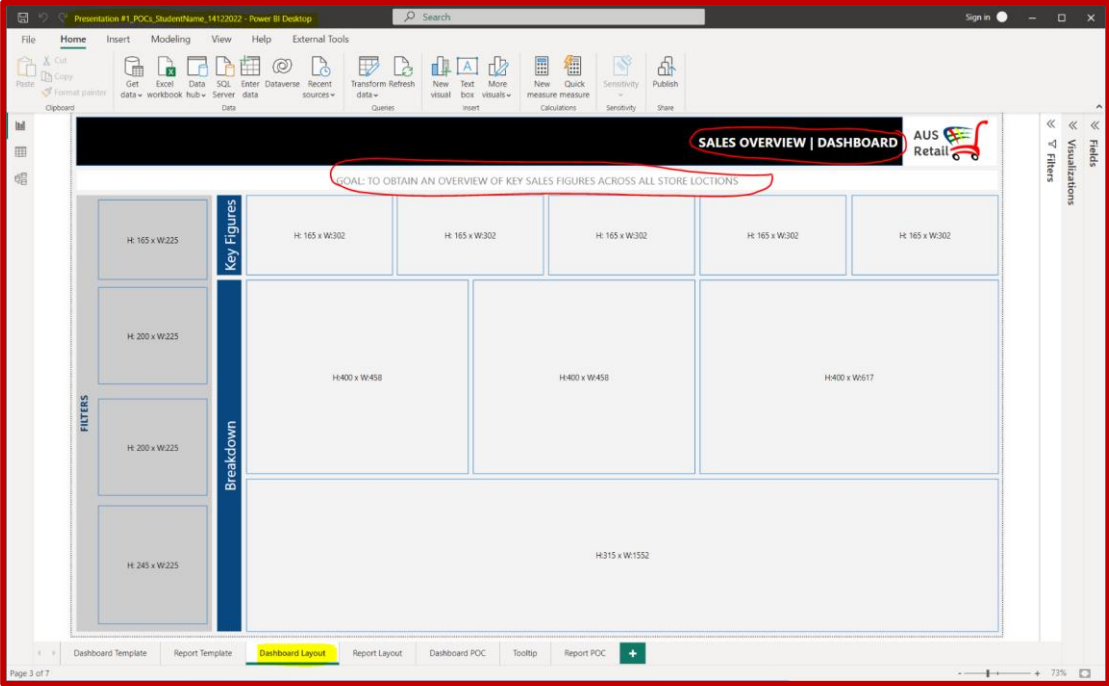
Provide screenshots of the completed 'Dashboard Layout' and 'Report Layout' for 'Presentation #1' in 'Table 1' under 'Screenshot evidence:'. Read the 'Note' sections carefully to understand the details that must be visible in each screenshot.

Screenshot evidence:

Assessor instructions: The screenshot provided by the student must indicate that,

- AUS Retail's standard dashboard template is used to create the dashboard and report layouts in Power BI Desktop.
- the title and sub-title [goal] are customised correctly for 'Presentation #1' [See areas circled in red on the screenshots provided for correct configuration of the dashboard and report pages]
- the layout and placement of all elements on the dashboard and report pages are planned and organised using building blocks [placeholders/shapes] indicating their size details. [See screenshots provided for sample dashboard and report layouts].

Table 1 – Evidence of creating proof of concepts for 'Presentation #1'.

<p>Required evidence: Screenshot</p> <p>Screenshot of the 'Dashboard Layout' page.</p> <p>Note: The screenshot must clearly show the following details:</p> <ul style="list-style-type: none"> <input type="checkbox"/> 'Report' view of the Power BI work file. <input type="checkbox"/> Title bar of Power BI Desktop showing the file name that includes your name initials and current date. <input type="checkbox"/> Full view of the 'Dashboard Layout' page showing the placement of the items on the dashboard. 	 <p>Figure 1 – Screenshot of the 'Dashboard Layout' page created using Power BI Desktop © Microsoft</p>
<p>Screenshot of the 'Report Layout' page.</p> <p>Note: The screenshot must clearly show the following details:</p> <ul style="list-style-type: none"> <input type="checkbox"/> 'Report' view of the Power BI work file. <input type="checkbox"/> Title bar of Power BI Desktop showing the file name that includes your name initials and current date. <input type="checkbox"/> Full view of the 'Report Layout' page showing the placement of the items on the report. 	 <p>Figure 2 – Screenshot of the 'Report Layout' page created using Power BI Desktop © Microsoft</p>

Note: Once the dashboard and report layouts are created and you have recorded the screenshot evidence, save and close your Power BI work file as you will continue to work on this file again in the next task.

B2. Create the interactive dashboard POC for 'Presentation #1'

In this task, you will create all the elements of the interactive dashboard based on the key performance indicators for 'Presentation #1'.

You must:

- continue to use the same Power BI work file *Presentation #1_POCs_YourName_ddmmyyyy.pbix* from task B1
- use the relevant data fields from the transactional dataset associated with the Power BI work file
- use the dashboard layout you designed in the previous task.

Task:

Create the interactive dashboard for 'Presentation #1' according to the confirmed requirements, specifications and organisational guidelines provided to you.

To do this, you must complete the sub-tasks in the following checklist.

Table 2 - Checklist for creating the interactive dashboard for 'Presentation #1'

#	Task details	Tick/check <input checked="" type="checkbox"/> once completed.
	Do the following in the 'Data' view of Power BI Desktop.	
1	<p>Create the five (5) key measures according to <i>Presentation #1_Confirmed requirement specification.pdf > Table 3</i>.</p> <p>You must:</p> <ul style="list-style-type: none"> • create each key measure within the 'Key Measures' table in Power BI • use the specified DAX formulas to complete the required calculations • format each measure according to the given specifications. 	<input type="checkbox"/>
	Do the following in the 'Model' view of Power BI Desktop.	
2	Create the relationships/links between the fact and dimension tables for the transactions datasets as outlined in <i>Presentation #1_Data model specification.pdf</i> .	<input type="checkbox"/>
3	Ensure that the key fields required for the presentation are visible in the 'Report' view according to <i>Presentation #1_Confirmed requirement specification.pdf > Table 4</i> .	<input type="checkbox"/>
	Do the following in the 'Report' view of Power BI Desktop.	
4	Duplicate the previously created 'Dashboard Layout' page and rename it as 'Dashboard POC'.	<input type="checkbox"/>
5	<p>Complete the POC for the interactive dashboard by adding the appropriate visuals to record numerical big data.</p> <p>You must:</p> <ul style="list-style-type: none"> • refer to <i>Presentation #1_Confirmed requirement specification.pdf > Table 5</i> • replace each placeholder (shape) in the layout using the correct methods and tools for representing data insights for 'Presentation #1' • format each visual according to the given specifications • place each visual according to the dashboard layout applying the correct size specifications. <p>Note: When adding the visuals, you may need to adjust the size and placement as required. If so, ensure that these changes are reflected in the dashboard layout.</p>	<input type="checkbox"/>

Provide a screenshot of the completed 'Dashboard POC' for 'Presentation #1' under 'Screenshot evidence:'. The screenshot must clearly show the following details:

- 'Report' view of the Power BI work file.

- 'Fields' pane with all tables expanded to show the list of required key fields and key measures visible in the 'Report' view.
- Title bar of Power BI Desktop showing the file name that includes your name initials and current date.
- Full view of the 'Dashboard POC' showing the visual elements in the dashboard.

Note: Once the interactive dashboard is created and you have recorded the screenshot evidence, save and close your Power BI work file as you will continue to work on this file again in the next task.

Screenshot evidence:

Assessor instructions: The screenshot provided must indicate that,

- all required measures have been created
- only the required key fields and key measures are visible under the 'Fields' pane
- the visualisation types and formatting of the dashboard matches what is displayed in the sample screenshot provided.

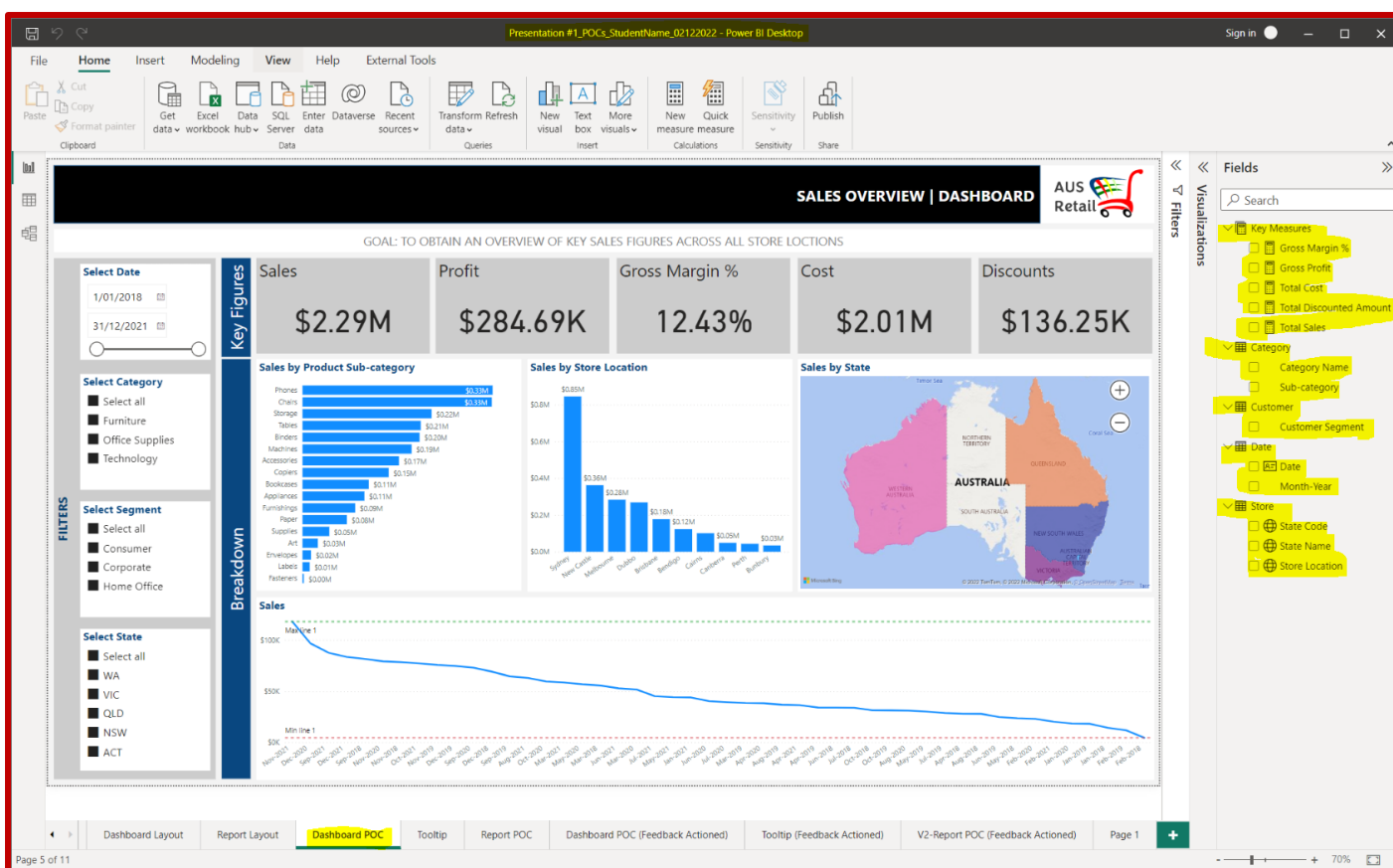


Figure 3 - Screenshot of the 'Dashboard POC' page for 'Presentation #1' created using Power BI Desktop © Microsoft

B3. Create a report tooltip page

In this task, you will create a report tooltip page to further visualise identified data insights.

Continue to use the same Power BI work file *Presentation #1_POCs_YourName_ddmmyyyy.pbix* from task B2.

Task:

Create the report tooltip page for 'Presentation #1' according to the confirmed requirements, specifications and organisational guidelines provided to you.

To do this, you must complete the sub-tasks in the following checklist.

Table 3 – Checklist for creating the report tooltip page for 'Presentation #1'

#	Task details	Tick/check <input checked="" type="checkbox"/> once completed.
	Do the following in the 'Report' view of Power BI Desktop.	
1	Create a new page and rename it as 'Tooltip'.	<input type="checkbox"/>
2	Configure the basic layout of the tooltip page according to the specifications provided in <i>Presentation #1_Confirmed requirement specification.pdf > Figure 2 (wireframe diagram) and Table 6.</i>	<input type="checkbox"/>
3	Add the appropriate visual elements to the tooltip page to record numerical big data. Refer to the specifications provided in <i>Presentation #1_Confirmed requirement specification.pdf > Table 7.</i>	<input type="checkbox"/>
4	Configure the tooltip page to pop up when hovering over the map visual on the 'Dashboard POC' page. Refer to the <i>AUS Retail_POC development guidelines.pdf > section 2.4. Configuring report tooltip pages.</i>	<input type="checkbox"/>

Provide a screenshot of the completed 'Tooltip' page for 'Presentation #1' under 'Screenshot evidence:'. The screenshot must clearly show the following details:

- 'Report' view of the Power BI work file.
- 'Visualizations' pane with the 'Canvas settings' expanded.
- Title bar of Power BI Desktop showing the file name that includes your name initials and current date.
- Full view of the 'Tooltip' page showing the visual elements on the tooltip report.

Note: Once the tooltip page is created and you have recorded the screenshot evidence, save and close your Power BI work file as you will continue to work on this file again in the next task.

Screenshot evidence:

Assessor instructions: The screenshot provided by the student must indicate that,

- The tooltip report page has been created
- The 'Canvas settings' are configured according to the POC development guidelines [see settings in the screenshot]
- the visualisation types and formatting of the tooltip matches what is displayed in the sample screenshot provided.

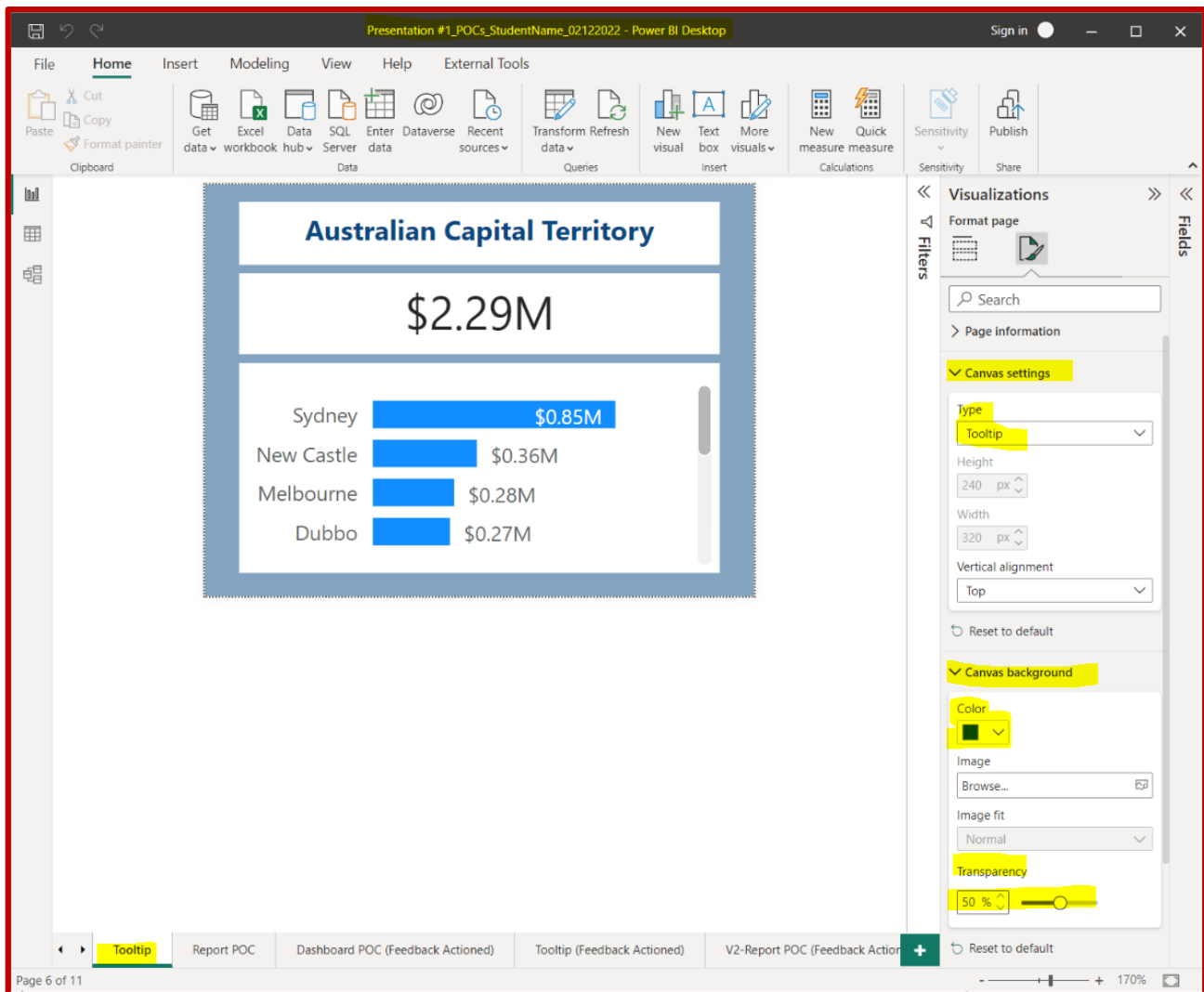


Figure 4 - Screenshot of the 'Tooltip' page created using Power BI Desktop © Microsoft

B4. Create a drill-through report POC for 'Presentation #1'

In this task, you will create a drill-through report to visualise data insights related to the performance of individual stores.

You must:

- continue to use the same Power BI work file *Presentation #1_POCs_YourName_ddmmyyyy.pbix* from task B3
- use the previously designed report layout in Task B1 to create the drill-through report page.

Task

Create the drill-through report for 'Presentation #1' according to the confirmed requirements, specifications and organisational guidelines provided to you.

To do this, you must complete the sub-tasks in the following checklist.

Table 4 - Checklist to create a drill-through report for 'Presentation #1'

#	Sub-task details	Tick/check <input checked="" type="checkbox"/> once completed.
1	<p>Create the two (2) key measures according to <i>Presentation #1_Confirmed requirement specification.pdf > Table 8</i>.</p> <p>You must:</p> <ul style="list-style-type: none"> • create each key measure within the 'Key Measures' table in Power BI • use the specified values to create the required measures using DAX formulas • use the 'Quick Measures' tool to complete the complex calculation for year-over-year change. • format each measure according to the given specifications 	<input type="checkbox"/>
2	Duplicate the previously created 'Report Layout' page and rename it as 'Report POC'.	<input type="checkbox"/>
3	Add 'Store Location' as a drill-through field to this report page.	<input type="checkbox"/>
4	<p>Complete the POC of the drill-through report by adding the appropriate visuals to record numerical big data.</p> <p>You must:</p> <ul style="list-style-type: none"> • refer to <i>Presentation #1_Confirmed requirement specification.pdf > Table 9</i> • replace each placeholder [shape] in the report layout using the correct methods and tools for representing data insights for 'Presentation #1' • format each visual according to the given specifications • place each visual according to the dashboard layout applying the correct size specifications. <p>Note: When adding the visuals, you may need to adjust the size and placement as required. If so, ensure that these changes are reflected in the dashboard layout.</p>	<input type="checkbox"/>

Provide a screenshot of the completed 'Report POC' for 'Presentation #1' under 'Screenshot evidence:'

The screenshot must clearly show the following details:

- 'Report' view of the Power BI work file.
- 'Fields' pane with the 'Key Measures' table expanded to show the new key measures created.
- 'Visualizations' pane showing the drill-through field for the selected report page.
- Title bar of Power BI Desktop showing the file name that includes your name initials and current date.
- Full view of the 'Report POC' showing the visual elements in the report.

Note: Once the drill-through report page is created and you have recorded the screenshot evidence, save and close your Power BI work file as you will continue to work on this file again in the next task.

Screenshot evidence:

Assessor instructions: The screenshot provided must indicate that,

- all required measures have been created and are visible under the 'Fields' pane
- the visualisation types and formatting of the dashboard matches what is displayed in the sample screenshot provided.

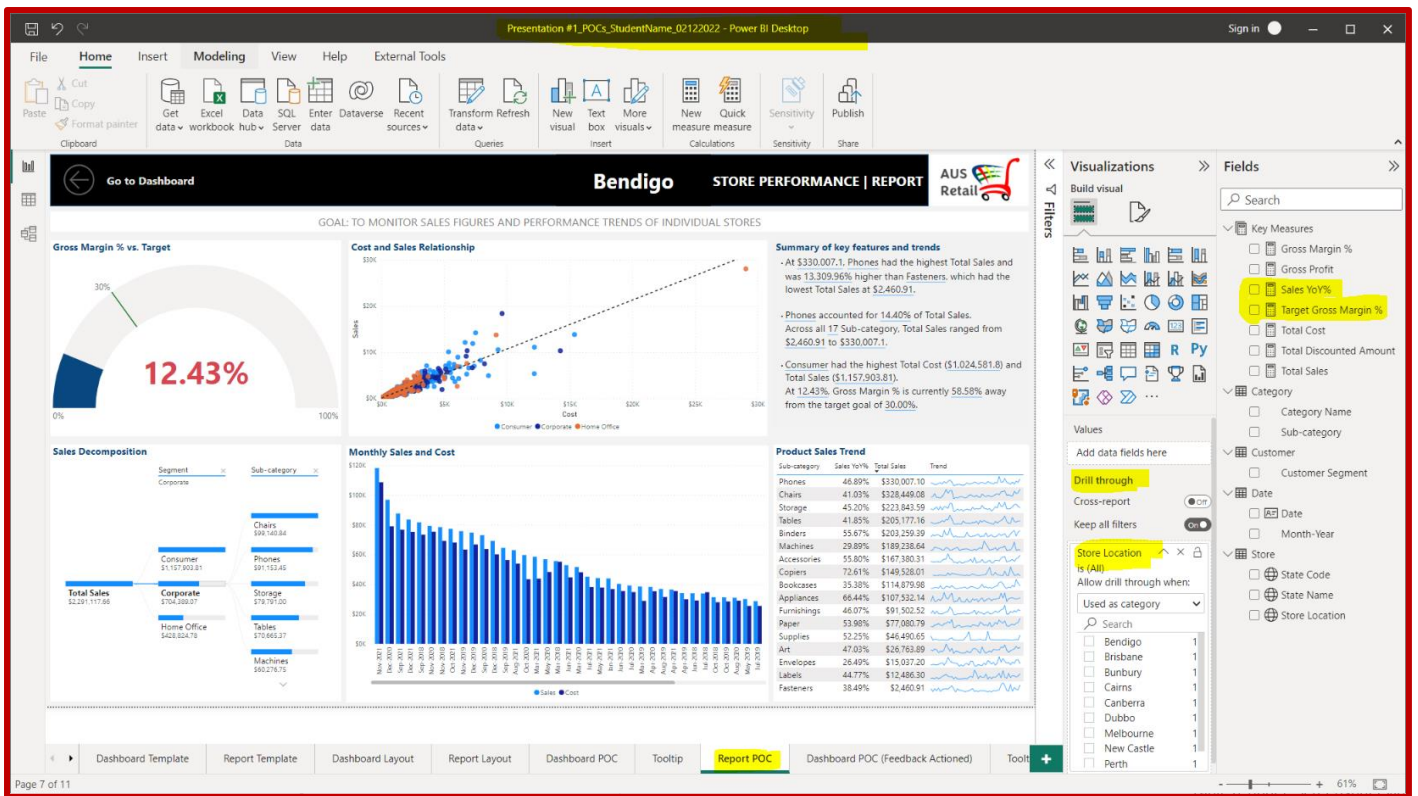


Figure 5 - Screenshot of the 'Report POC' page for 'Presentation #1' created using Power BI Desktop © Microsoft

B5. Test the proof of concepts (POCs) for 'Presentation #1'

In this task, you must test the previously created dashboard, tooltip and drill-through report pages, for correct functionality, data accuracy and presentation.

When doing this task you must:

- continue to use the same Power BI work file *Presentation #1_POCs_YourName_ddmmyyyy.pbix* from task B4
- refer to and follow *AUS Retail_POC development guidelines.pdf* > section '3. Testing the Proof of Concepts [POCs]'.

Task:

- Test each visual element of the interactive dashboard to ensure that data is presented correctly. You must:
 - complete the 'Test 1' column of the *Table 5* checklist as you test the functionality of all the elements in the 'Dashboard POC' page
Note: Refer to the sample reports provided in *Presentation #1_Confirmed requirement specification.pdf* > under '*Dataset details*' when required to check the accuracy of key figures.
 - include comments in the checklist, where applicable to indicate any issues detected in the 'Dashboard POC' page.
 - correct any issues detected on the 'Dashboard POC' page.
 - complete the 'Test 2' column of the *Table 5* checklist indicating that the issues detected in 'Test 1' are fixed and include comments where applicable to detail the corrections made
 - provide a screenshot of the 'Dashboard POC' page after testing and correcting the issues in *Table 6*, under 'Screenshot evidence:'. Read the 'Note' sections carefully to understand the details that must be visible on the screenshot.
Note: To effectively take a screenshot that captures the pop-up tooltip, use the *Snipping Tool* as follows:

- Set the 'Delay' option to 3-5 seconds.
- Click on 'New', then (within 3-5 seconds) hover the mouse pointer over the map visual until the tooltip is displayed on the 'Dashboard POC' page. Once the screen freezes with the tooltip displaying over the map visual, capture the screenshot.

- b. Test each visual element of the **report** page to ensure that data is presented correctly. You must:
- complete the 'Test 1' column of the *Table 5* checklist as you test the functionality of all the elements in the 'Report POC' page
Note: Refer to the sample reports provided in the *Presentation #1_Confirmed requirement specification.pdf* > under 'Dataset details' when required to check the accuracy of numerical data.
 - include comments in the checklist, where applicable to indicate any issues detected in the 'Report POC' page.
 - correct any issues detected on the 'Report POC' page.
 - complete the 'Test 2' column of the *Table 5* checklist indicating that the issues detected in 'Test 1' are fixed and include comments where applicable to detail the corrections made
 - provide a screenshot of the 'Report POC' page after testing and correcting the issues in *Table 6*, under 'Screenshot evidence:'. Read the 'Note' sections carefully to understand the details that must be visible on the screenshot.

Note: Once the dashboard and report pages and tested, issues are corrected, and you have recorded the screenshot evidence, save and close your Power BI work file as you will continue to work on this file again in the next task.

Checklist completion:

Table 5 - Checklist for testing the POCs for 'Presentation #1'.

#	POC Checks	Test 1		Notes/comments: Document any issues identified and recommended fixes:	Test 2	
		Tick <input checked="" type="checkbox"/> after testing each element			Tick <input checked="" type="checkbox"/> after issues are fixed.	
		Dashboard	Report page		Dashboard	Report Page
Check basic layout						
1	Uses AUS Retail's approved template with specified canvas settings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>
2	Includes AUS Retail Logo	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>
3	Displays correct title text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>
4	Displays correct sub-title text	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>
5	The placement of all elements is as per the wireframe diagram.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>
Check the accuracy of key figures						
6	The numerical information displayed as 'Key Figures' are accurate. Note: Compare the calculated values with the figures from the sample reports provided.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes. Checked against the sample report provided for both dashboard and report page.	<input type="checkbox"/>	<input type="checkbox"/>
Check the visibility of key fields						

#	POC Checks	Test 1		Notes/comments: Document any issues identified and recommended fixes:	Test 2	
		Dashboard	Report page		Dashboard	Report Page
7	All required key fields for the presentation are visible in 'Report' view.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes.	<input type="checkbox"/>	<input type="checkbox"/>
8	Any other fields not required are hidden from 'Report' view.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes.	<input type="checkbox"/>	<input type="checkbox"/>
Check visualisations [complete the following checks for each visual on the dashboard/report page]						
9	Data is displayed in each visual: <ul style="list-style-type: none"> is clear is correct is in the correct logical order. Note: Time-series data, must be sorted sequentially.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	It is clear and correct. But the logical order of the time series values on the axes is not in the correct sequence in the dashboard and report pages. Fix applied: Month-Year field was sorted by 'Month Year Number' to display the time series values correctly.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Selections made using filters automatically reflect on the data in visual elements (maps, bar charts, line charts, card visuals etc.) in the dashboard/report pages.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes.	<input type="checkbox"/>	<input type="checkbox"/>
Check the functionality of the tooltip report page/s (if relevant)						
11	Tooltip page/s pops up when hovering over the relevant visual/s for which it is configured and indicates dynamic values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes. The tooltip pops-up on top of the map visual in the dashboard when hovering over it and indicates dynamic sales figures for store locations within each state.	<input type="checkbox"/>	<input type="checkbox"/>
Check the functionality of the navigation and filtering into report page/s (if relevant)						
12	Tested navigation buttons on the dashboard page by pressing Ctrl+Click	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable.	<input type="checkbox"/>	<input type="checkbox"/>
13	Tested if slicer selections on the dashboard page are in sync with the detailed analysis/drill-through report pages. To configure synced slicers for report pages (not drill-through pages), refer to <i>AUS Retail_POC development guidelines > section 2.5 Sync slicers</i> .	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes. Checked the drill-through report page for a specific store location selected from the dashboard page.	<input type="checkbox"/>	<input type="checkbox"/>
14	Checked the ability to navigate back to the dashboard page from the report page.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Yes.	<input type="checkbox"/>	<input type="checkbox"/>
To be completed by the analyst after testing the POC.						
Checklist completed by:		Student Name				
Date:		23/11/2022				

Screenshot evidence:

Assessor instructions: The screenshots must indicate that;

- the time series data is ordered sequentially [To do this, the student must set the 'Sort by column' of the 'Month-Year' field to 'Year Month Number']
- the corrected order is visible on the dashboard and report pages (see highlighted in the sample screenshots provided)
- the tooltip page is displayed as a pop-up over the map visual.
- Drill-through report displays values that relate to the filters applied in the dashboard (see sample screenshot provided)

Table 6 - Evidence of tested proof of concepts for 'Presentation #1'

Required evidence: Screenshot

a. Screenshot of the 'Dashboard POC' page after testing

Note: The screenshot must clearly show the following details:

- 'Report' view of the Power BI work file.
- Title bar of Power BI Desktop showing the file name that includes your name initials and current date.
- Filtered for year 2020, category 'Office Supplies', segment 'Home Office' for state of Victoria ('VIC')
- Full view of the 'Dashboard POC' page showing the corrected items.
- The report tooltip is displayed when hovering over the map visual of the 'Dashboard POC'.

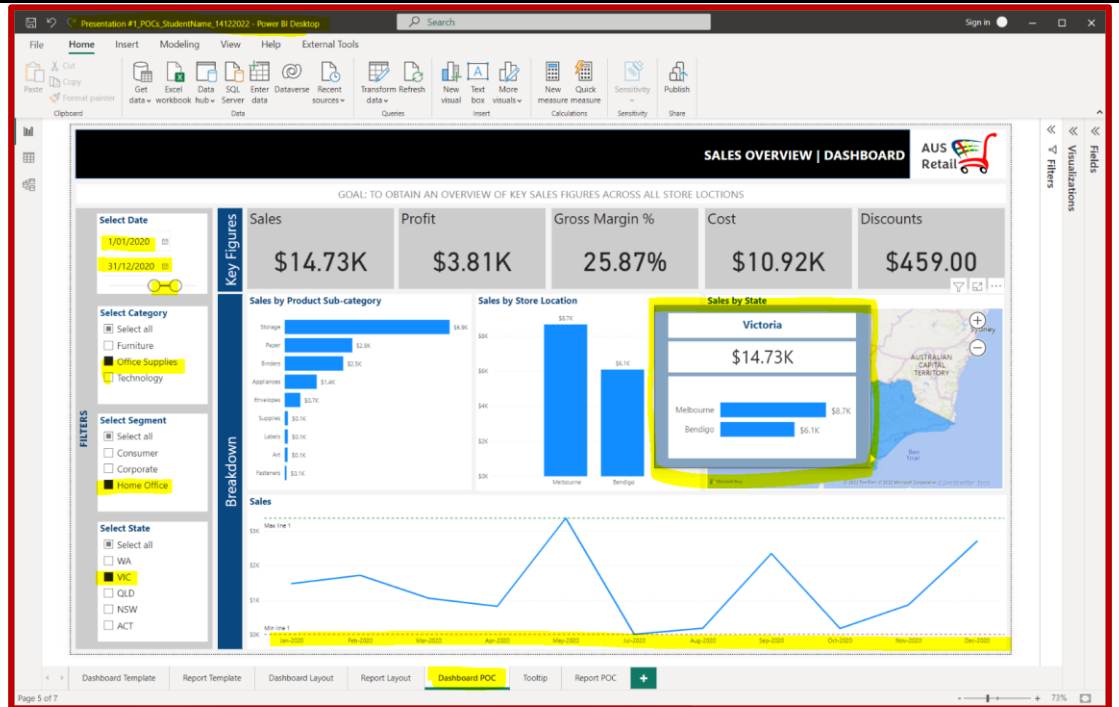


Figure 6 - Screenshot of the 'Dashboard POC' page after testing and corrections using Power BI Desktop © Microsoft

b. Screenshot of the 'Report POC' page after testing.

Note: The screenshot must clearly show the following details:

- 'Report' view of the Power BI work file.
- Title bar of Power BI Desktop showing the file name that includes your name initials and current date.
- Displayed values should be drilled through from the 'Dashboard POC' page for the store location 'Melbourne'.
- Full view of the 'Report POC' page showing the corrected items.

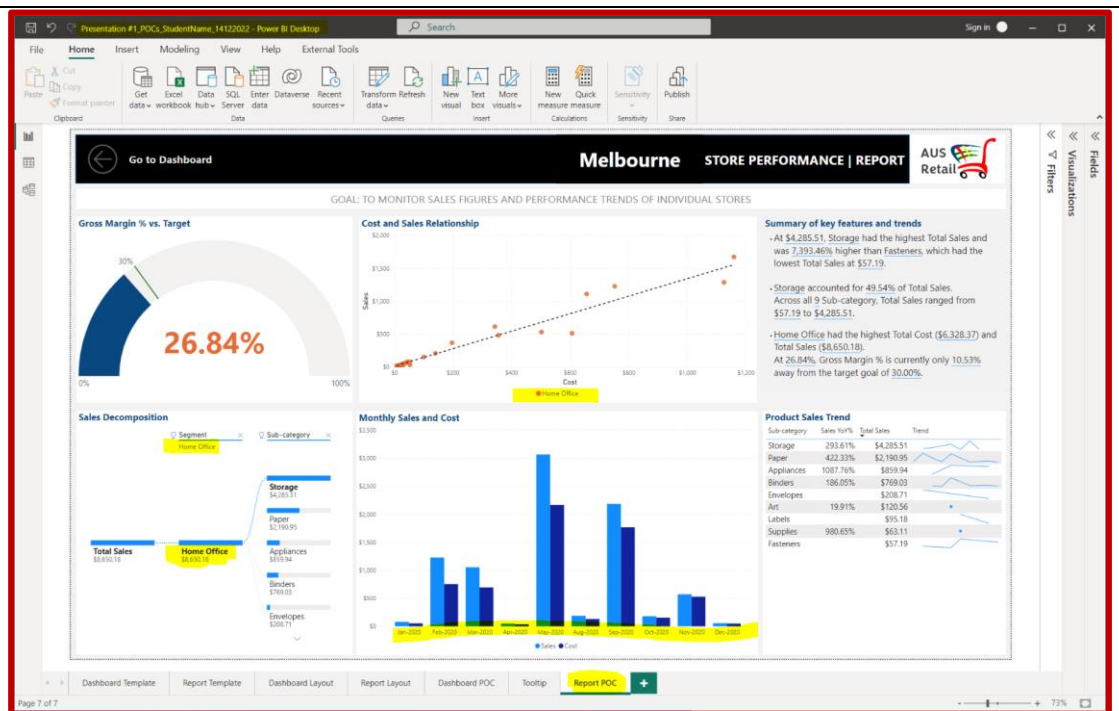


Figure 7 - Screenshot of the 'Report POC' page after testing and corrections using Power BI Desktop © Microsoft

B6. Report on specific context using 'Presentation #1' POCs

In this task, you will identify the key features and trends of captured transactional big data for 'Presentation #1' within the context of purpose and intended audience.

Continue to use the same Power BI work file *Presentation #1_POCs_YourName_ddmmmyyyy.pbix* from task B5.

Intended audience and context:

- **Intended audience:** Project sponsor, Karen Jones (CFO)
- **Dashboard context:** Sales figures across all stores during 01/01/2020-31/12/2021 for 'Office Supplies' category, for 'Consumer' and 'Home Office' customer segments.
- **Tooltip context:** To display the sales breakdown in the state of 'NSW' within the above dashboard context.
- **Drill-through report context:** Performance data of the store location with the lowest amount of sales within the above dashboard context.

Task:

- a. Identify the features and trends of captured data for 'Presentation #1', using the 'Dashboard POC' and tooltip for the given dashboard context and tooltip context for the intended audience.

Provide a screenshot of the 'Dashboard POC' page within this context in 'Table 7' under 'Screenshot evidence:'. Read the 'Note' sections carefully to understand the details that must be visible on the screenshot.

Assessor information: From the 'Dashboard POC' page, the student should

- select the date range to be 01/01/2020 – 31/12/2021
- use filters to select the 'Office Supplies' category
- use filters to select 'Consumer' and 'Home Office' segments
- use filters to select the state as 'WA'
- hover over the state of 'NSW' for the pop-up tooltip report to appear on top of the map visual.

- b. Identify the features and trends of captured data for 'Presentation #1', using the 'Report POC' for the given drill-through report context and intended audience.

Provide a screenshot of the 'Report POC' page within this context in 'Table 7' under 'Screenshot evidence:'. Read the 'Note' sections carefully to understand the details that must be visible on the screenshot.

Assessor information: From the 'Dashboard POC' page, the student should right-click on the store location 'Bunbury' (which has the lowest amount of sales) and select 'Drill-through' to generate a drill-through report using the 'Report POC' page within the same dashboard context.

Note: Once the dashboard and report pages are created according to the given context, and you have recorded the screenshot evidence, save and close your Power BI work file as you will continue to work on this file again in Part E.

Screenshot evidence:

Assessor instructions: The screenshots must indicate similar figures to what is displayed in the sample screenshots provided according to the given context for the dashboard and drill-through report pages.

Table 7 – Evidence of tested proof of concepts for 'Presentation #1' according to context and intended audience

Required evidence: Screenshot

Screenshot of the 'Dashboard POC' page within given context.

Note: The screenshot must clearly show the following details:

- 'Report' view of the Power BI work file.
- Title bar of Power BI Desktop showing the file name that includes your name initials and current date.
- Full view of the 'Dashboard POC' page showing features and trends according to the given context.
- The report tooltip displaying information relevant to the tooltip context.

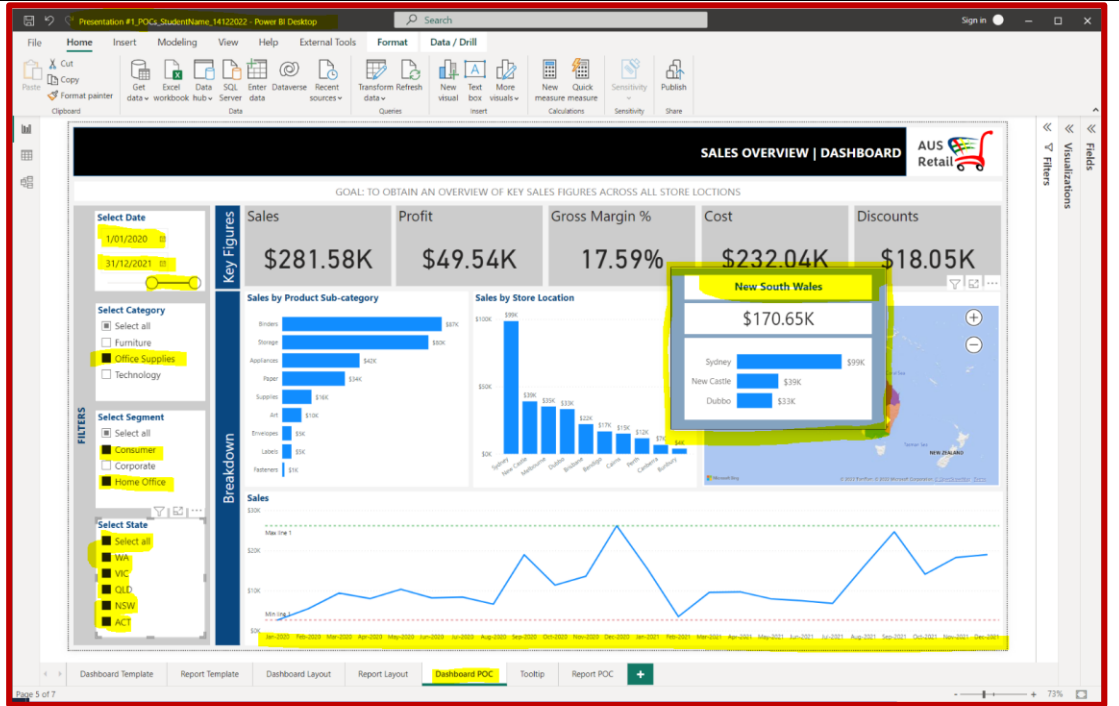


Figure 8 – Screenshot of the 'Dashboard POC' page created within the given context using Power BI Desktop © Microsoft

Screenshot of the 'Report POC' page within given context.

Note: The screenshot must clearly show the following details:

- 'Report' view of the Power BI work file.
- Title bar of Power BI Desktop showing the file name that includes your name initials and current date.
- Full view of the 'Report POC' page showing the corrected items.
- 'Visualizations' pane showing the filters applied on the drill-through field of the report.

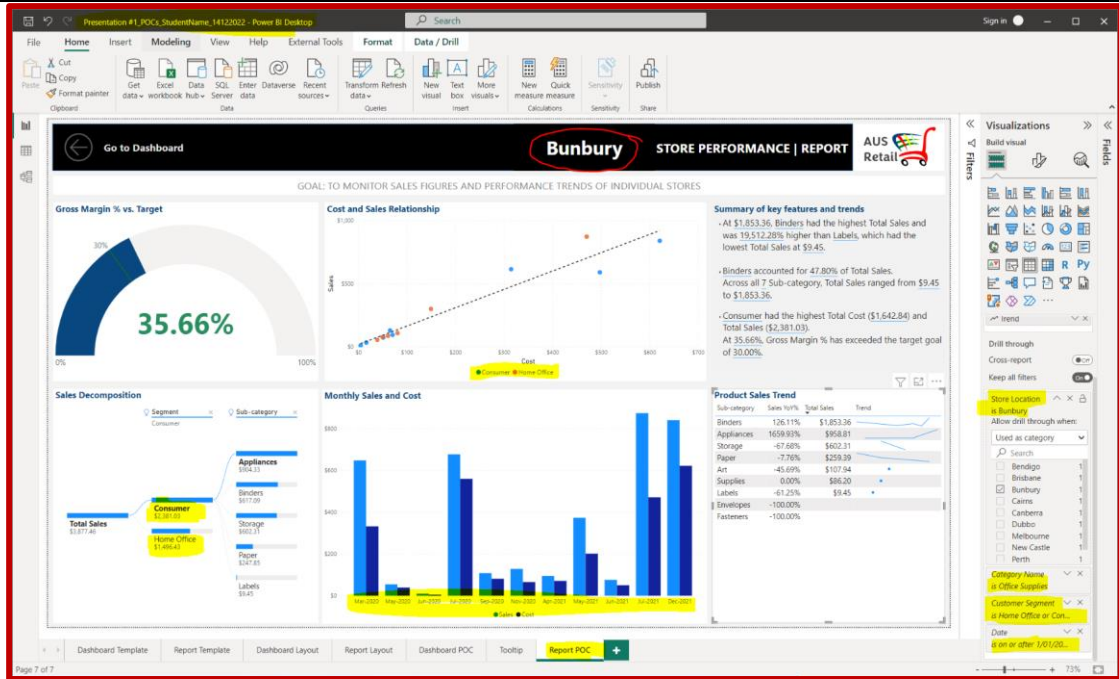


Figure 9 – Screenshot of the 'Report POC' page created within the given context using Power BI Desktop © Microsoft