**1st VM Exercise**

**Learning Objective:**

Create a Slicer and Interact with a Report

**Context:**

Mastering slicers in reporting allows for dynamic data analysis and presentation, enabling users to filter and explore specific data subsets interactively. This skill is essential in professional settings for targeted decision-making and clear communication of insights.

**Steps to be executed by the student (max 6):**

Step 1 : Clear all Slicers by selecting the slicer visual and delete.

Step 2 : Go to visualization pane and click on the slicer Visual.

Step 3 : Drag Subcategory from the Items Table in “field” on the visualization pane.

Step 4 : Go to Format Visual and Change slicer setting to drop-down.

Step 5 : Select Subcategory “RcnpW\_uQ”

**Exercise question:**

Question : Which Visualization type is used to filter and interact with a Report?

1. Slicer
2. Cards
3. Filters

**End goal:**

Add an image of the final visualization here.

A screenshot of a computer

Description automatically generated

**2nd VM Exercise**

**Learning Objective:**

Creating a Simple Hierarchy and Drill Up/Down

**Context:**

Mastering simple hierarchies and drill up/down techniques is key for breaking complex data into understandable layers, or detailed specifics. In practice, it enables seamless navigation through data levels, like drilling from national sales to individual store performance, enhancing analysis and insight generation that aids decision making.

**Steps to be executed by the student (max 6):**

Step 1: Click on the Sales Qty by Region Visual

Step 2: Drag Period from ‘items’ object and place under “Territory”

Step 3: Right Click on Region “AXX” and Click on Drill Down

Step 4: Right Click on “Sunny Season” and Drill Up

**Exercise question:**

Question: In Power BI, what is the primary purpose of using a hierarchy in data visualization?

Options:

A) To restrict data access to certain users.

B) To organize data into different levels of detail, allowing for drill-down and drill-up capabilities in reports.

C) To change the color scheme of visuals automatically based on data values.

**End goal:**

Add an image of the final visualization here.

A screenshot of a computer

Description automatically generated