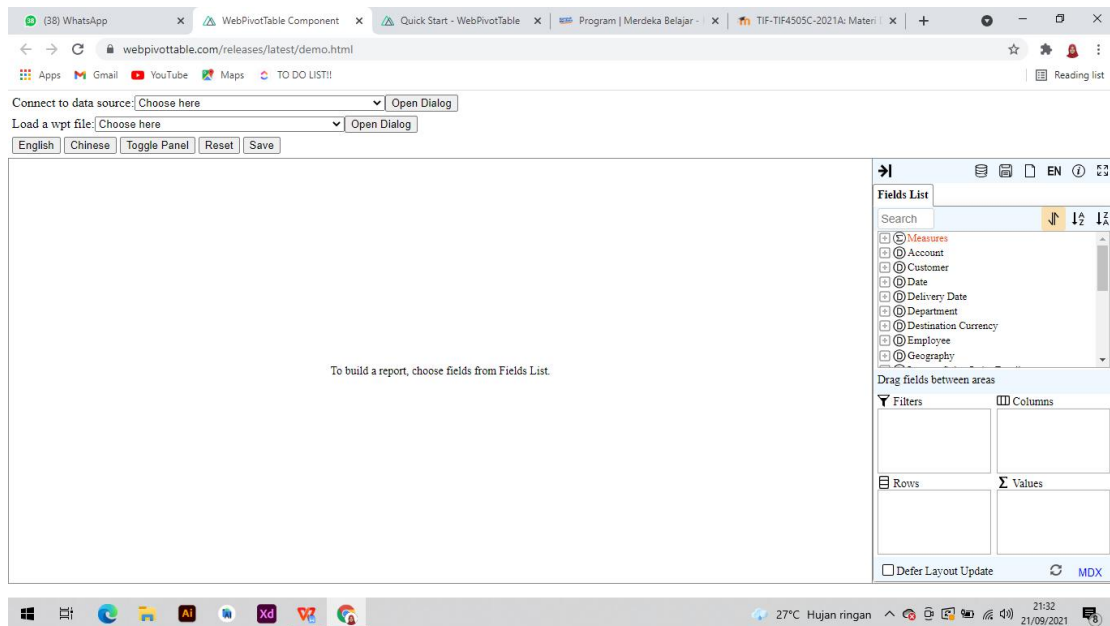


Nama : Nabilah Luthfiyah Nasution
NIM : 181402039

Assignment using Web PivotTable

1. Load the Data Cube

- Select the preloaded OLAP cube Microsoft Adventure Works (same cube used in tutorial) from the Demo list to create the pivot table.
- Take some time exploring the data cube before beginning on the details of the assignment.



2. Create the Pivot Table

- Expand the “Promotions” dimension in the Fields List.
- Select “Promotions” field inside the “Promotions” dimensions in the Rows area.
- Expand the “Delivery Date” dimension in the Fields List.
- Select “Delivery Date.Month of Year” in the Columns area. If it appears in the Rows area, move it from the Rows to the Columns area.
- Expand the Measures in the Fields List.
- Select “Average Sales Amount” in the values area
- Take a screen snapshot and paste it into a document as the snapshot for part 2 of the WebPivotTable assignment. The snapshot should show All Promotions and All Periods with complete expansion on the rows and columns with Average Sales Amount in the cells.
- Keep the sheet open for the next part.

The screenshot shows the WebPivotTable Component interface. The main area displays a pivot table with columns for Periods (All Periods, No Discount, Reseller, etc.) and Rows for Promotions (All Promotions, No Discount, Reseller, etc.). The interface includes a Fields List on the right with filters like Delivery Date and Average Sales Amount. The bottom status bar shows the date 21/09/2021 and time 21:39.

3. Extend the Pivot Table

- Add “Source Currency” level (Do NOT include “ALL” level) from the Source Currency dimension to the Filters area.
- Create a filter such that the pivot table displays value only for “Canadian Dollar” and “US Dollar”.
- Take a screen snapshot and paste it into a document as the snapshot for part 3 of WebPivotTable assignment. The snapshot should show a complete expansion of All Periods and All Promotions with January Average Sales Amount in the cells.
- Keep the sheet open for the next part.

The screenshot shows the WebPivotTable Component interface. The main area displays a pivot table with columns for Periods (All Periods, No Discount, Reseller, etc.) and Rows for Promotions (All Promotions, No Discount, Reseller, etc.). The interface includes a Fields List on the right with filters like Source Currency and Average Sales Amount. The bottom status bar shows the date 21/09/2021 and time 22:02.

4. Extend the Pivot Table with Filter Changes and Rollups

- Modify the filter to show results only for the source Currency “EURO”.
- Collapse all reseller promotions except for Excess Inventory. Show only the subcategories within the Excess Inventory item.
- Remove the pivot chart so that the sheet only displays the pivot table.
- Take a screen snapshot and paste it into a document as the snapshot for part 4 of the WebPivotTable assignment. The snapshot should show the Average Sales Amount for All Periods along with a subset of the expansion of All Promotions for Excess Inventory promotions.

The screenshot displays the WebPivotTable Component interface. At the top, there are tabs for 'WhatsApp', 'WebPivotTable Component', 'Quick Start - WebPivotTable', 'Kampus Merdeka : Merdeka', and 'TIF-TIF4505C-2021A: Materi'. Below the tabs, there are buttons for 'Connect to data source: Choose here', 'Open Dialog', 'Load a wpt file: Choose here', 'Open Dialog', 'English', 'Chinese', 'Toggle Panel', 'Reset', and 'Save'.

The main area shows a pivot table with the following data:

	All Periods								
All Promotions	\$4,417.15	\$5,644.84	\$7,211.77	\$5,012.13	\$3,907.44	\$5,646.84	\$4,247.84	\$2,885.14	\$4,247.84
No Discount	\$4,183.76	\$5,007.31	\$6,692.92	\$4,481.98	\$3,676.16	\$5,488.00	\$4,081.16	\$2,817.83	\$4,183.76
Reseller	\$2,778.68	\$5,289.97	\$3,980.87	\$4,735.02	\$2,328.49	\$2,346.16	\$2,137.65	\$1,346.38	\$1,778.68
Discontinued Product	\$3,465.52								
Excess Inventory	\$805.13	\$843.59	\$779.86						
Road-650 Overstock	\$805.13	\$843.59	\$779.86						
New Product	\$7,344.01	\$11,315.77	\$7,408.28	\$6,219.83	\$2,384.07				
Seasonal Discount	\$239.11	\$239.11							
Volume Discount	\$2,448.70	\$4,940.90	\$3,446.42	\$3,885.84	\$2,327.82	\$2,346.16	\$2,137.65	\$1,346.38	\$1,778.68

On the right side, there is a 'Fields List' panel with the following settings:

- Search: [Empty]
- Grid Options: [Empty]
- Filters:
 - ☒ (H) Source Currency
 - ☒ (L) Source Currency
- Columns:
 - ☒ (H) Delivery
 - ☒ (L) Date Month of Year
 - ☒ (L) (All)
 - ☒ (L) Month of Year
- Rows:
 - ☒ (H) Promotions
 - ☒ (L) (All)
 - ☒ (L) Category
 - ☒ (L) Type
- Values:
 - ☒ (M) Average Sales Amount
- ☐ Defer Layout Update
- MDX: [Empty]