

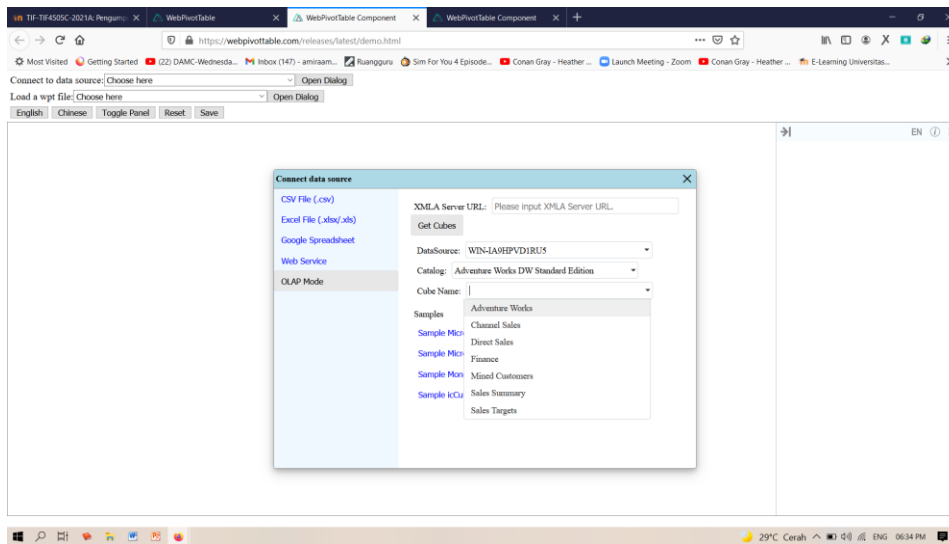
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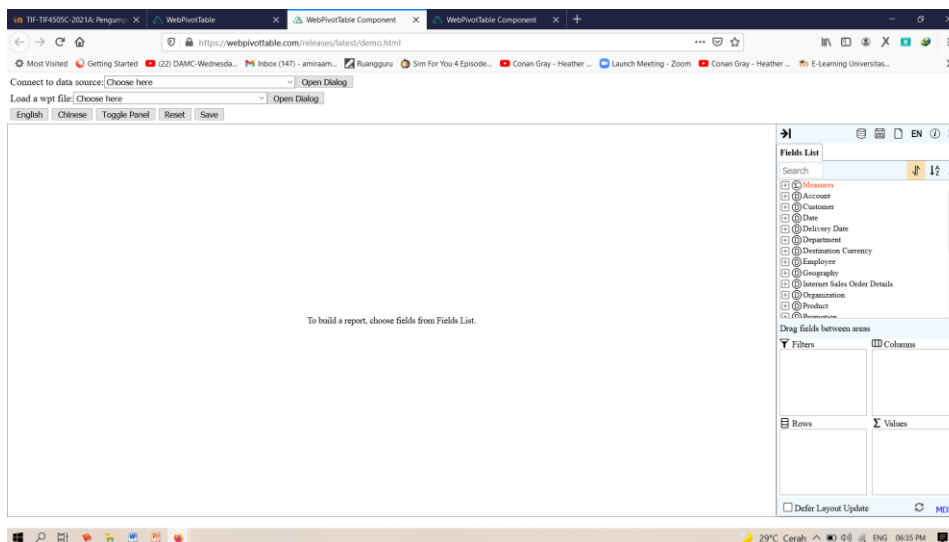
Assignment using Web PivotTable

1. Load the Data Cube

Pilih OLAP mode dan pilih catalog Adventure Works DW Standard Edition dengan cube name Adventure works.



Setelah di set maka akan muncul seperti dibawah ini. Kemudian buatlah pivot tablenya.



2. Create the Pivot Table

Berikut ini merupakan tampilan setelah promotion dimasukkan ke dalam Rows, Delivery Date.Month of Year dimasukkan ke dalam Columns, dan Average Sales Amount dimasukkan ke dalam Values. Tabel menampilkan semua Promotions (promosi) dan semua Periods (periode) dengan perluasan yang lengkap pada baris dan kolom dengan Average Sales Amount (jumlah penjualan rata-rata).

The screenshot displays the WebPivotTable Component interface. The main area shows a pivot table with the following structure:

	Periods									
All Promotions	\$5,590.42	\$4,484.31	\$5,727.83	\$4,197.65	\$3,105.24	\$4,441.60	\$3,575.58	\$2,412.12	\$3,415.14	\$3,110.92
No Discount	\$3,407.78	\$4,007.91	\$5,289.69	\$3,735.02	\$2,939.88	\$4,319.94	\$3,444.39	\$2,356.91	\$3,354.99	\$3,052.51
Reseller	\$2,474.75	\$4,416.00	\$3,886.08	\$4,406.66	\$2,082.00	\$2,110.07	\$1,953.38	\$1,250.55	\$1,590.88	\$1,311.17
Discontinued Product	\$3,218.92									
Mountain 100 Clea...	\$10,455.32									
Mountain 500 Silve...	\$417.73									
Excess Inventory	\$819.44	\$924.91	\$751.04							
Road 450 Overstock	\$819.44	\$924.91	\$751.04							
New Product	\$7,184.00	\$8,419.12	\$8,010.33	\$6,375.83	\$1,836.83					
Touring 3000 Prom...	\$3,785.88	\$4,429.97	\$3,838.18	\$3,557.97	\$742.35					
Touring 1000 Prom...	\$5,371.27	\$5,531.04	\$6,025.90	\$4,926.44	\$2,384.07					
Seasonal Discount	\$250.75	\$250.75								
Sport Helmet Disco...	\$206.91	\$206.91								
Sport Helmet Disco...	\$303.36	\$303.36								
Volume Discount	\$2,166.60	\$4,042.45	\$3,191.03	\$3,511.68	\$2,085.39	\$2,110.07	\$1,953.38	\$1,250.55	\$1,590.88	\$1,311.17
Volume Discount 1...	\$1,851.21	\$3,158.55	\$2,844.99	\$2,853.76	\$1,516.82	\$1,775.85	\$1,795.21	\$1,215.43	\$1,524.28	\$1,251.88
Volume Discount 1...	\$2,990.33	\$4,936.52	\$2,529.87	\$3,377.11	\$4,783.66	\$3,558.51	\$2,285.79	\$1,487.06	\$2,367.85	\$1,836.43
Volume Discount 2...	\$1,748.97	\$690.36	\$982.53	\$2,573.99	\$4,758.23	\$1,251.09	\$691.28	\$478.67		
Volume Discount 4...	\$868.49									

The right sidebar shows the configuration for the pivot table:

- Fields List:** Amount, Average Rate, Average Sales Amount (checked), Average Unit Price, Customer Count, Discount Amount, Discount Percentage, End of Day Rate, Expense to Revenue Ratio, Extended Amount, Freight Cost.
- Filters:** Delivery Date, Month of Year (selected).
- Rows:** Promotions (selected), (All), Category, Type, Promotion.
- Values:** Average Sales Amount (selected), Amount.

The bottom status bar shows the system clock: 35°C, Cerah, ENG, 12:08 PM.

3. Extend the Pivot Table

Tambahkan Source Currency level ke area Filter, tetapi jangan tambahkan semua level. Setelah itu buatlah filter yang menampilkan nilai untuk Canadian Dollar.

The screenshot shows the WebPivotTable Component interface. A dialog box titled "Source Currency" is open, allowing users to filter by currency. The dialog box has a "Filter By" section with "Not filter" and "Label" options. Below this, there are "Manually include" and "Manually exclude" sections. A list of currencies is displayed, including "Canadian Dollar" which is checked. The background shows a pivot table with various data points and a sidebar with filters.

Setelah menambahkan filter Canadian Dollar, tambahkan juga filter US Dollar.

The screenshot shows the WebPivotTable Component interface. A dialog box titled "Source Currency" is open, allowing users to filter by currency. The dialog box has a "Filter By" section with "Not filter" and "Label" options. Below this, there are "Manually include" and "Manually exclude" sections. A list of currencies is displayed, including "US Dollar" which is checked. The background shows a pivot table with various data points and a sidebar with filters.

WebPivotTable Component | Dashboard | Currencies and Currency Ratio | X

<https://webpivottable.com/releases/latest/demo.html>

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	All Products																	
All Promotions	\$4,331.38	\$5,485.85	\$7,048.03	\$4,974.65	\$3,788.71	\$5,520.58	\$4,192.04	\$2,828.23	\$4,206.93	\$3,629.64								
No Discount	\$4,111.90	\$4,904.10	\$6,595.94	\$4,456.80	\$3,576.11	\$5,389.99	\$4,024.12	\$2,760.06	\$4,122.43	\$3,551.38								
Routler	\$2,667.13	\$4,999.50	\$3,627.81	\$4,741.38	\$2,193.95	\$2,088.10	\$2,142.87	\$1,358.94	\$1,656.81	\$1,393.44								
Discounted Product	\$3,589.83																	
Mountain-100 Clea...	\$10,455.32																	
Mountain-500 Silve...	\$421.13																	
Excess Inventory	\$796.18	\$822.14	\$779.86															
Road-650 Overstock	\$796.18	\$822.14	\$779.86															
New Product	\$6,969.55	\$10,428.79	\$6,808.83	\$6,253.15	\$2,384.07													
Touring-3000 Prom...	\$3,761.72	\$5,589.74	\$3,383.92	\$3,477.77														
Touring-1000 Prom...	\$5,277.55	\$6,873.46	\$5,259.63	\$4,896.13	\$2,384.07													
Seasonal Discount	\$224.90	\$224.90																
Sport Helmet Disco...	\$199.05	\$199.05																
Sport Helmet Disco...	\$261.54	\$261.54																
Volume Discount	\$2,379.28	\$4,904.20	\$3,251.99	\$3,943.75	\$2,191.59	\$2,088.10	\$2,142.87	\$1,358.94	\$1,656.81	\$1,393.44								
Volume Discount 1...	\$2,002.66	\$3,743.68	\$2,934.20	\$3,124.29	\$1,571.08	\$1,829.61	\$2,001.48	\$1,309.59	\$1,541.59	\$1,314.79								
Volume Discount 1...	\$3,017.97	\$5,586.41	\$2,285.43	\$3,438.79	\$4,841.48	\$2,861.50	\$2,086.70	\$1,665.11	\$2,768.82	\$1,952.84								
Volume Discount 2...	\$1,793.25	\$667.80	\$835.15	\$2,573.99	\$4,758.23	\$1,482.95	\$633.95	\$478.67										
Volume Discount 4...	\$868.49																	

Fields List Grid Options

Search

- ☐ Hierarchical Sales Order Details
- ☐ Sales Channel
- ☐ Sales Reason
- ☐ Sales Summary Order Details
- ☐ Sales Territory
- ☐ Scenario
- ☐ Ship Date
- ☐ Source Currency
 - ☒ Source Currency
 - ☐ (L) AID
 - ☒ Source Currency
 - ☐ Source Currency Code

Drag fields between areas

Filters

- ☒ Source Currency
 - ☐ Source Currency
 - ☐ (L) AID
 - ☐ Source Currency
 - ☐ Source Currency Code

Columns

- ☒ Delivery
 - ☐ Date Month of Year
 - ☐ (L) AID
 - ☐ Date Month of Year

Rows

- ☒ Promotions
 - ☐ (L) AID
 - ☐ Category
 - ☐ Type
 - ☐ Promotion

Values

- ☒ Average Sales Amount

☐ Defer Layout Update MDX

4. Extend the Pivot Table with Filter Changes and Rollups.

Ubah filter untuk menunjukkan hasil mata uang Euro saja.

The screenshot shows the WebPivotTable Component interface. A 'Source Currency' dialog box is open, allowing users to filter data by currency. The dialog has a 'Filter By' section with a search bar and a list of currencies. The 'Manually include' section lists various currencies with checkboxes. The 'Filter By' section also has a 'Manually exclude' section. The background shows a pivot table with columns for 'Periods' and 'Average Sales Amount'.

Roll up (gulung/tutup) semua Reseller Promotions kecuali untuk Excess Inventory. Tabel hanya menampilkan sub kategori dari Excess Inventory Item. Hapus pivot chart sehingga tampilan hanya berupa tabel pivot. Tabel menunjukkan Average Sales Amount (jumlah penjualan rata-rata) untuk semua Periods (periode) bersama dengan sebuah subset dari penjabaran seluruh Promotions (promosi) untuk Excess Inventory.

The screenshot shows the WebPivotTable Component interface. The pivot table is displayed with columns for 'Periods' and 'Average Sales Amount'. The 'Periods' column is rolled up, showing only the 'Excess Inventory' category. The 'Average Sales Amount' column is expanded, showing the average sales amount for each period. The background shows the same 'Source Currency' dialog box as in the previous screenshot.