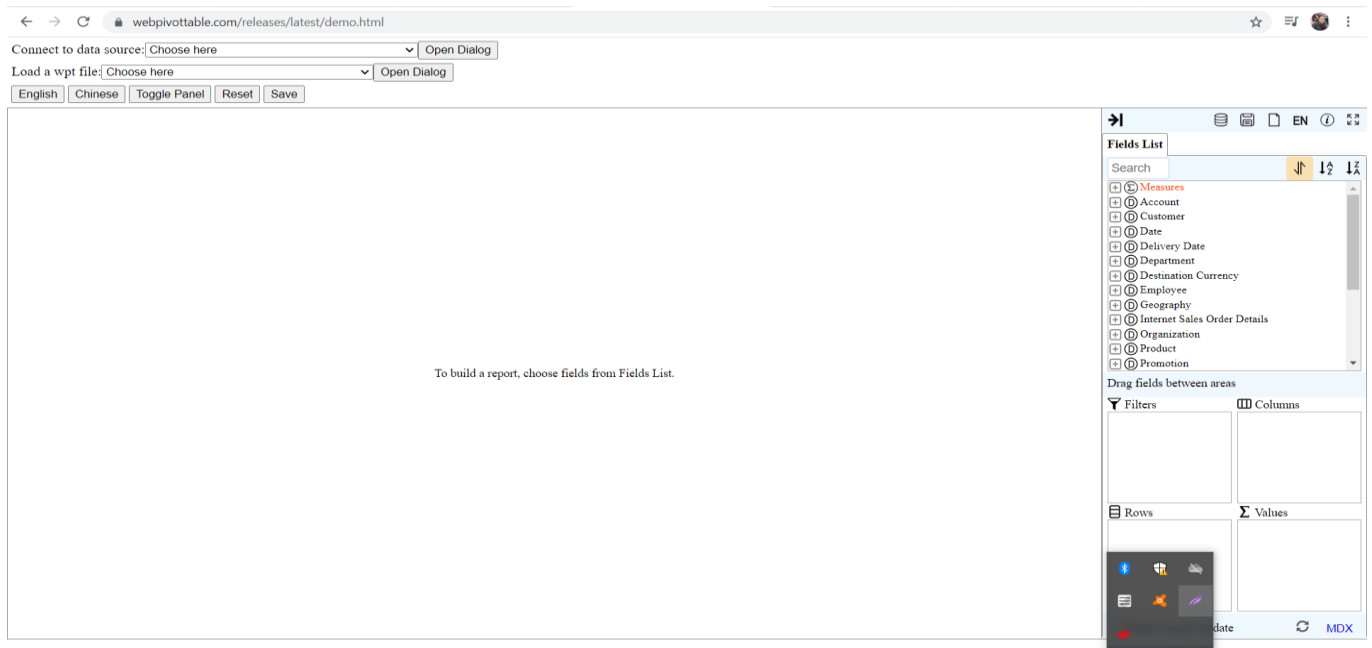


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1. Load the Data Cube

- 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

Create a customized pivot table that shows the following:

- 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.

- d. 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.
- e. Expand the Measures in the Fields List.
- f. Select “Average Sales Amount” in the values area
- g. 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.
- h. Keep the sheet open for the next part.

webpivottable.com/releases/latest/demo.html

Connect to data source: Choose here Open Dialog

Load a wpt file: Choose here Open Dialog

English Chinese Toggle Panel Reset Save

<input checked="" type="checkbox"/> All Promotions	\$3,590.42	\$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
<input checked="" type="checkbox"/> 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
<input checked="" type="checkbox"/> 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
<input checked="" type="checkbox"/> Discontinued Product	\$3,218.92									
Mountain-100 Clea...	\$10,455.32									
Mountain-500 Silve...	\$417.73									
<input checked="" type="checkbox"/> Excess Inventory	\$819.44	\$924.91	\$751.04							
Road-650 Overstock	\$819.44	\$924.91	\$751.04							
<input checked="" type="checkbox"/> 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					
<input checked="" type="checkbox"/> Seasonal Discount	\$250.75	\$250.75								
Sport Helmet Disco...	\$206.91	\$206.91								
Sport Helmet Disco...	\$303.36	\$303.36								
<input checked="" type="checkbox"/> 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...	\$1,748.57	\$690.36	\$982.53	\$2,573.99	\$4,758.23	\$1,251.09	\$691.28	\$478.67		
Volume Discount 4...	\$868.49									

Fields List Grid Options

Search

Measures

- ☐ Amount
- ☐ Average Rate
- ☒ Average Sales Amount
- ☐ Average Unit Price
- ☐ Customer Count
- ☐ Discount Amount
- ☐ Discount Percentage
- ☐ End of Day Rate
- ☐ Expense to Revenue Ratio
- ☐ Extended Amount
- ☐ Freight Cost

Drag fields between areas

Filters

Columns

- ☒ Delivery
- ☒ Date.Month of Year
- ☒ (L)All
- ☒ (L)Month of Year

Rows

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

Values

- ☒ Average Sales Amount

Defer Layout Update MDX

3. Extend the Pivot Table

- a. Add “Source Currency” level (Do NOT include “ALL” level) from the Source Currency dimension to the Filters area.
- b. Create a filter such that the pivot table displays value only for “Canadian Dollar” and “US Dollar”.

- c. 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.
- d. Keep the sheet open for the next part.

Connect to data source: Choose here Open Dialog

Load a wpt file: Choose here Open Dialog

English Chinese Toggle Panel Reset Save

	All Periods									
Promotions	\$2,551.91	\$3,823.37	\$3,558.72	\$2,967.84	\$2,442.04	\$2,590.48	\$2,741.77	\$1,828.52	\$2,004.31	\$2,564.22
No Discount	\$2,432.62	\$3,412.23	\$3,266.75	\$2,687.87	\$2,354.47	\$2,471.93	\$2,661.69	\$1,788.00	\$1,970.97	\$2,529.85
Reseller	\$1,905.28	\$4,315.23	\$3,187.23	\$2,809.74	\$1,461.06	\$2,043.53	\$1,345.33	\$1,036.96	\$1,285.05	\$1,004.37
Discontinued Product	\$3,369.30									
Mountain-100 Clea...	\$10,682.72									
Mountain-500 Silve...	\$322.04									
Excess Inventory	\$986.57	\$904.35	\$1,041.38							
Road-650 Overstock	\$986.57	\$904.35	\$1,041.38							
New Product	\$6,313.90	\$3,114.04	\$7,435.87	\$7,169.74	\$742.35					
Touring-3000 Prom...	\$2,908.00	\$1,379.18	\$2,442.33	\$3,966.22	\$742.35					
Touring-1000 Prom...	\$5,015.49	\$2,179.72	\$6,103.22	\$5,644.29						
Seasonal Discount	\$311.64	\$311.64								
Sport Helmet Disco...	\$280.09	\$280.09								
Sport Helmet Disco...	\$374.74	\$374.74								
Volume Discount	\$1,623.94	\$4,444.58	\$2,407.09	\$1,331.60	\$1,472.47	\$2,043.53	\$1,345.33	\$1,036.96	\$1,285.05	\$1,004.37
Volume Discount 1...	\$1,462.75	\$3,472.53	\$2,286.25	\$1,149.68	\$1,496.62	\$1,865.99	\$1,332.06	\$968.96	\$1,285.05	\$990.07
Volume Discount 1...	\$2,552.87	\$7,370.52	\$1,569.52	\$1,483.08	\$490.51	\$2,765.55	\$787.19	\$6,136.68		\$682.58
Volume Discount 2...	\$764.00	\$461.58		\$900.31			\$660.77			

Fields List Grid Options

Search

- (H) Reseller Sales Order Details
- (H) Sales Channel
- (H) Sales Reason
- (H) Sales Summary Order Details
- (H) Sales Territory
- (H) Scenario
- (H) Ship Date
- (H) Source Currency
- (L) Source Currency
- (L) Source Currency
- (H) Source Currency Code

Drag fields between areas

Filters

- (H)Source Currency
- (L)Source Currency

Columns

- (H)Delivery
- Date-Month of Year
- (LX)All
- (L)Month of Year

Rows

- (H)Promotions
- (L)(All)
- (L)Category
- (L>Type
- (L)Promotion

Σ Values

- Average Sales Amount

Defer Layout Update MDX

[webpivottable.com/releases/latest/demo.html](#)

Connect to data source: Choose here

Open Dialog

Load a wpt file: Choose here

Open Dialog

English

Chinese

Toggle Panel

Reset

Save

Promotional (Promotions)		January
All Promotions		\$4,185.70
No Discount		\$3,662.63
Reseller		\$5,056.63
Excess Inventory		\$986.57
New Product		\$6,560.39
Touring-3000 Prom...		\$2,867.88
Touring-1000 Prom...		\$4,348.54
Seasonal Discount		\$352.69
Volume Discount		\$4,554.76

Fields List

Grid Options

Search

☐ Delivery Date Fiscal Week of Year
☐ Delivery Date Fiscal Weeks
☐ Delivery Date Fiscal Year
☒ Delivery Date Month of Year

☐ (All)
☒ Month of Year

☒ Department
☐ Destination Currency
☐ Employee
☐ Geography
☐ Internet Sales Order Details
☐ Organization

Drag fields between areas

Filters

Source Currency

Source Currency

Columns

Delivery Date Month of Year

Month of Year

Rows

Promotions

(All)

Category

Type

Promotion

Values

Average Sales Amount

Defer Layout Update

MDX

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.

webpivottable.com/releases/latest/demo.html

Connect to data source: Choose here Open Dialog

Load a wpt file: Choose here Open Dialog

English Chinese Toggle Panel Reset Save

All Periods	\$2,744.71	\$4,185.70	\$3,989.86	\$3,072.58	\$2,681.59	\$2,880.98	\$2,870.53	\$1,943.51	\$2,167.78	\$2,677.46
No Discount	\$2,598.25	\$3,662.63	\$3,557.83	\$2,763.26	\$2,558.68	\$2,709.64	\$2,791.97	\$1,905.37	\$2,122.56	\$2,645.66
Reseller	\$2,183.36	\$5,056.63	\$4,162.06	\$2,929.41	\$1,834.61	\$2,653.04	\$1,342.77	\$1,022.03	\$1,491.07	\$1,004.37
Discontinued Product	\$2,911.37									
Excess Inventory	\$1,016.46	\$986.57	\$1,041.38							
Road-650 Overstock	\$1,016.46	\$986.57	\$1,041.38							
New Product	\$7,258.64	\$6,560.39	\$8,701.09	\$6,929.66	\$742.35					
Seasonal Discount	\$352.69	\$352.69								
Volume Discount	\$1,797.44	\$4,554.76	\$2,921.53	\$1,314.10	\$1,850.91	\$2,653.04	\$1,342.77	\$1,022.03	\$1,491.07	\$1,004.37

Fields List Grid Options

Search

Measures Account Customer Date Delivery Date Department Destination Currency Employee Geography Internet Sales Order Details Organization Product Promotion

Drag fields between areas

Filters Columns

Source Currency Delivery Date Month of Year (All) Month of Year

Rows Values

Promotions Average Sales Amount

(All) Category Type Promotion

Defer Layout Update MDX