

Nama : Shelli Athaya

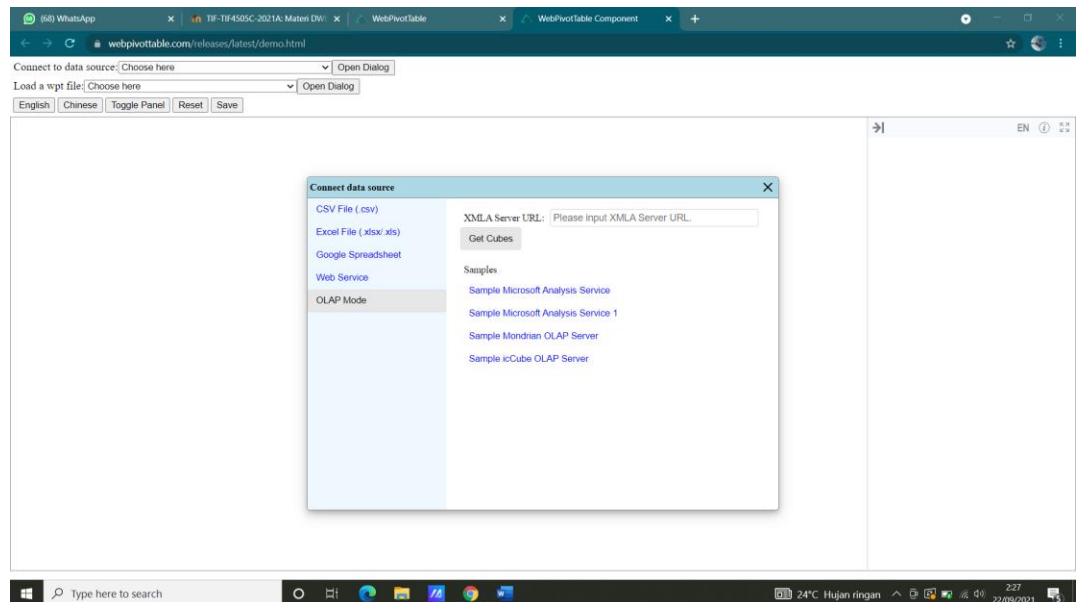
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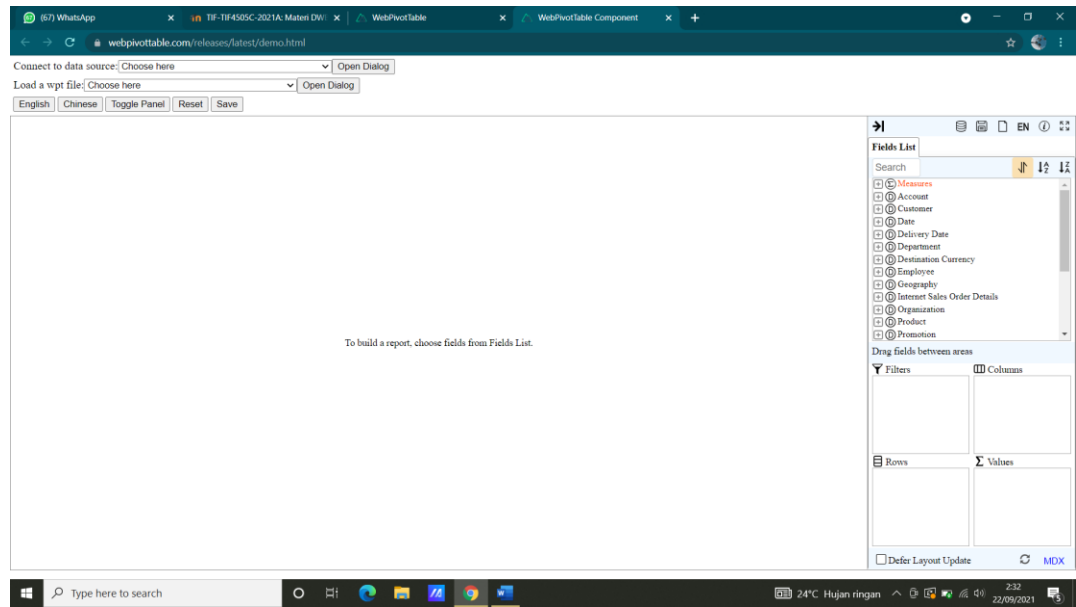
Kom : C

Tugas Data Warehouse dan Bisnis Intelligence

1. Load the Data Cube

- a. Select the preloaded OLAP cube Microsoft Adventure Works (same cube used in tutorial) from the Demo list to create the pivot table.
- b. 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.
- 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.

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".

- 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

(Promotion) (Promotions)	January
<input checked="" type="checkbox"/> All Promotions	\$5,485.85
<input type="checkbox"/> No Discount	\$4,904.10
<input type="checkbox"/> Reseller	\$4,999.50
<input type="checkbox"/> Excess Inventory	\$822.14
Road-650 Overstock	\$822.14
<input type="checkbox"/> New Product	\$10,428.79
Touring-3000 Prom...	\$5,589.74
Touring-1000 Prom...	\$6,873.46
<input type="checkbox"/> Seasonal Discount	\$224.90
Sport Helmet Disco...	\$199.05
Sport Helmet Disco...	\$261.54
<input type="checkbox"/> Volume Discount	\$4,904.20
Volume Discount 1...	\$3,743.68
Volume Discount 1...	\$5,586.41
Volume Discount 2...	\$667.80

☒ Source Currency

Drag fields between areas

Filters

- ☒ Source Currency
- ☒ Source Currency

Columns

- ☒ Delivery
- ☒ Date Month of Year
- ☒ Month of Year

Rows

- ☒ All
- ☒ Category
- ☒ Type
- ☒ Promotion

Values

- ☒ Average Sales Amount

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4. Extend the Pivot Table with Filter Changes and Rollups

- a. Modify the filter to show results only for the source Currency “EURO”.
- b. Collapse all reseller promotions except for Excess Inventory. Show only the subcategories within the Excess Inventory item.
- c. Remove the pivot chart so that the sheet only displays the pivot table.
- d. 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.

Connect to data source: Choose here

Load a wpt file: Choose here

English Chinese

<input checked="" type="checkbox"/> All Periods	\$15,181.20	\$22,367.74	\$18,716.84	\$9,671.04	\$15,891.07	\$19,594.37	\$12,399.37
<input checked="" type="checkbox"/> No Discount	\$13,185.02	\$15,553.47	\$13,697.19	\$7,820.78	\$13,659.27	\$16,164.42	\$12,312.02
<input checked="" type="checkbox"/> Reseller	\$8,579.23	\$14,991.38	\$15,581.49	\$4,553.44	\$7,811.32	\$12,862.34	\$1,135.64
<input checked="" type="checkbox"/> Excess Inventory	\$1,315.42	\$1,315.42					
Road-650 Overstock	\$1,315.42	\$1,315.42					

Chart Options

Search

☐ Promotion Category
☐ Promotion Type
☒ Promotions
☒ (All)
☒ Category
☒ Type
☒ Promotion
☐ Start Date

Drag fields between areas

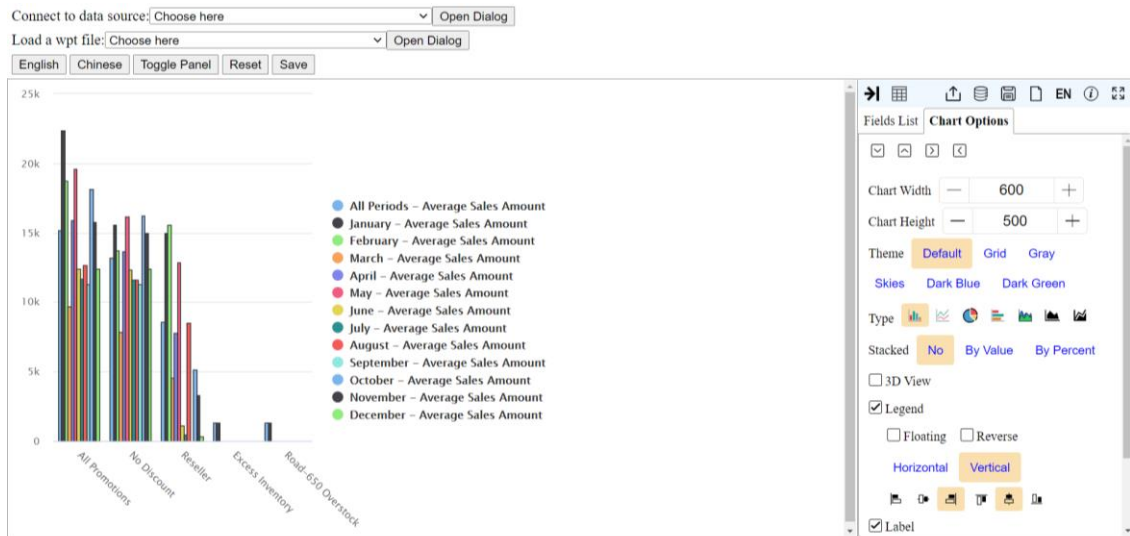
Filters
☒ Source Currency
☒ Source Currency

Columns
☒ Delivery
☒ Date.Month of Year
☒ (All)
☒ Month of Year

Rows
☒ Promotions
☒ (All)
☒ Category
☒ Type

Values
☒ Average Sales Amount

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Load a wpt file: Choose here Open Dialog

English Chinese Toggle Panel Reset Save

<input checked="" type="checkbox"/> All Promotions	\$15,181.20	\$22,367.74	\$18,716.84	\$9,671.04	\$15,891.07	\$19,594.37	\$12,399.37
<input checked="" type="checkbox"/> No Discount	\$13,185.02	\$15,553.47	\$13,697.19	\$7,820.78	\$13,659.27	\$16,164.42	\$12,312.02
<input checked="" type="checkbox"/> Reseller	\$8,579.23	\$14,991.38	\$15,581.49	\$4,553.44	\$7,811.32	\$12,862.34	\$1,135.64
<input checked="" type="checkbox"/> Discontinued Product	\$316.39						
Mountain 500 Silve...	\$316.39						
<input checked="" type="checkbox"/> Excess Inventory	\$1,315.42	\$1,315.42					
Road-650 Overstock	\$1,315.42	\$1,315.42					
<input checked="" type="checkbox"/> New Product	\$10,310.87	\$15,750.65	\$11,484.55	\$5,873.31			
Touring 3000 Prom...	\$5,702.64	\$6,341.52	\$9,015.38	\$2,669.12			
Touring 1000 Prom...	\$5,964.51	\$9,409.13	\$4,272.25	\$5,340.32			
<input checked="" type="checkbox"/> Seasonal Discount	\$445.07	\$445.07					
Sport Helmet Disco...	\$348.22	\$348.22					
Sport Helmet Disco...	\$477.35	\$477.35					
<input checked="" type="checkbox"/> Volume Discount	\$6,676.94	\$6,152.31	\$10,329.53	\$835.85	\$7,811.32	\$12,862.34	\$1,135.64
Volume Discount 1...	\$5,101.68	\$4,514.57	\$11,432.16	\$422.82	\$2,503.55	\$6,430.31	\$477.39
Volume Discount 1...	\$2,711.98	\$1,380.57	\$1,203.35	\$830.95	\$7,077.03	\$8,576.03	\$658.26
Volume Discount 2...	\$1,668.83	\$1,028.70	\$2,308.95				

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Load a wpt file: Choose here Open Dialog

English Chinese Toggle Panel Reset Save

<input checked="" type="checkbox"/> All Promotions	4.37	\$12,399.37	\$11,665.51	\$12,639.93	\$11,273.78	\$18,111.11	\$15,767.10	\$12,405.20
<input checked="" type="checkbox"/> No Discount	4.42	\$12,312.02	\$11,582.86	\$11,577.98	\$11,273.78	\$16,242.67	\$14,989.19	\$12,374.39
<input checked="" type="checkbox"/> Reseller	2.34	\$1,135.64	\$454.57	\$8,495.60		\$5,138.22	\$3,306.10	\$338.99
<input checked="" type="checkbox"/> Discontinued Product							\$305.09	\$338.99
Mountain 500 Silve...							\$305.09	\$338.99
<input checked="" type="checkbox"/> Excess Inventory								
Road-650 Overstock								
<input checked="" type="checkbox"/> New Product								
Touring 3000 Prom...								
Touring 1000 Prom...								
<input checked="" type="checkbox"/> Seasonal Discount								
Sport Helmet Disco...								
Sport Helmet Disco...								
<input checked="" type="checkbox"/> Volume Discount	2.34	\$1,135.64	\$454.57	\$8,495.60		\$5,138.22	\$4,204.74	
Volume Discount 1...	0.31	\$477.39	\$214.79	\$16,261.26		\$4,723.33	\$3,839.77	
Volume Discount 1...	5.03	\$658.26	\$479.57	\$729.93		\$553.19	\$547.45	
Volume Discount 2...								

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