

Head rest bed company



You are employed as a sales manager with Head Rest bed company. You have assembled important sales information for two years from two different systems and you combined them successfully in one and you have other dimensions' tables. You need to link to the fact table to analysis the sales.

Setup Instructions

. In Power BI Desktop choose Get Data and then Excel Workbook and click connect. Navigate to SalesData.xlsx file , select it, and choose open. Choose the table called **sales1** and click load.

Task #1: Formatting

Use the formatting choices in the Column Tools ribbon to make these formatting changes:

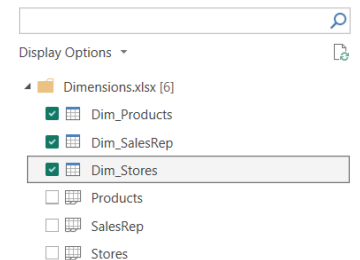
- DateID is formatted as a number, use the column tools to format it to date
- RawMargin is formatted as percentage.

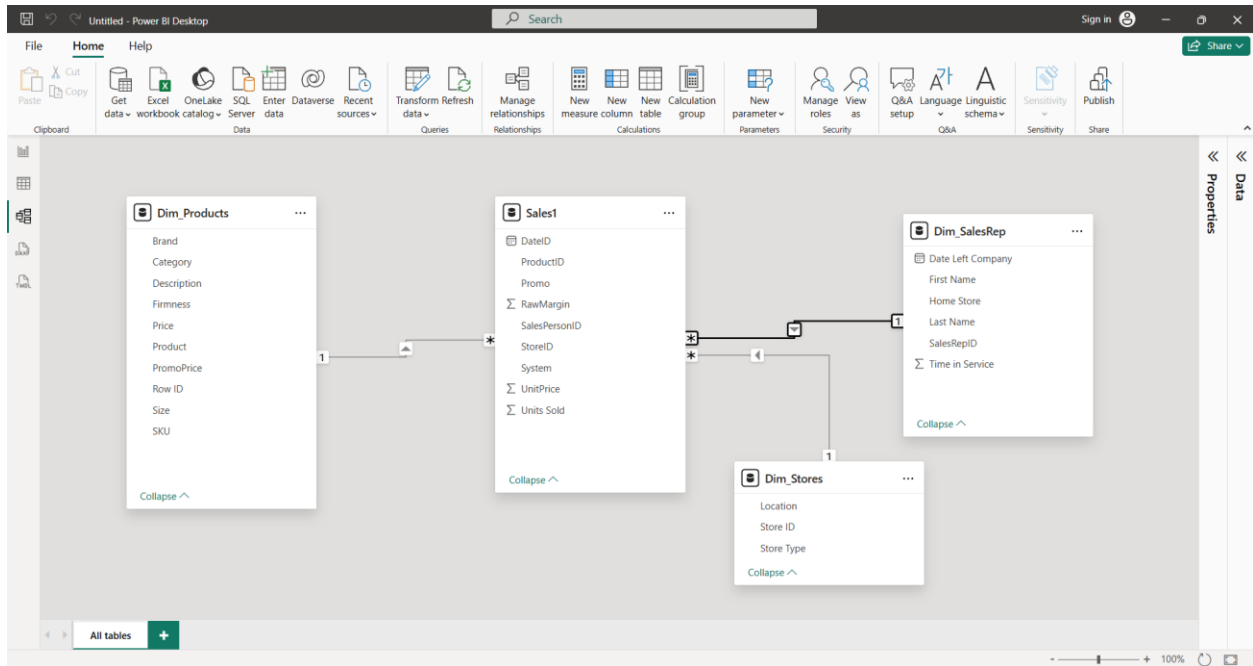
Task #2 : Data Modeling

Use the file Dimensions.xlsx and load all the tables object from it.

- Link the Store using storeID → StoreID
- Link the productID from sales → SKU from product
- Link SalespersonID →SalesRepID

Navigator





Task #3 : DAX

- Create a calculated column to find the **total** by multiplying unit by price¹
- Create a calculated column to find the **profit** by multiplying total by rawmargin²

¹ Total = Sales1[UnitPrice] * Sales1[Units Sold]

² profit = Sales1[Total] * Sales1[RawMargin]


Task #4: visualization

Visualization #1

- Create a multi card visual to display the following information:
 - Number of stores.
 - Number of products.
 - Number of Salesperson.³
- Add an image beside each value, align it bottom
- Align the visual to the right of the report page.


products

118




Sales Rep

13



Store

8



Visualization #2

- Add three slicers using brand, category and store type.
- Use insert line to decorate the space between them.

Store Type

MED

SM

WAREHOUSE

Brand

Head Rest

Lux Bed

Ocean Sleep

Only Beds

Category

Frame

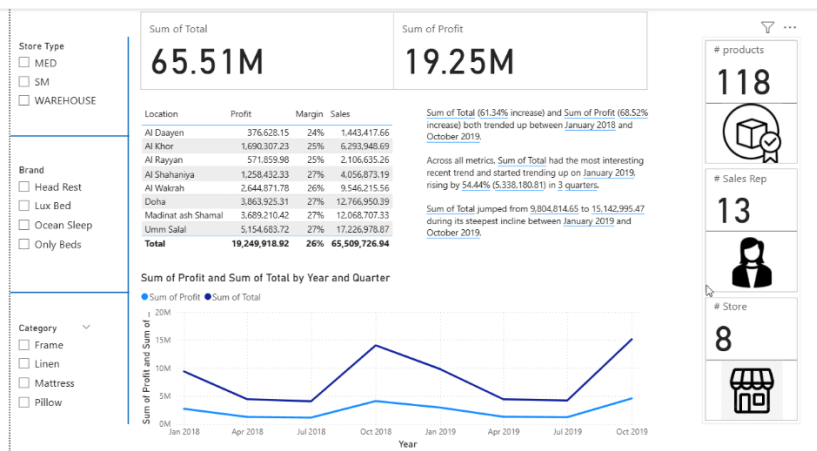
Linen

Mattress

Pillow

Visualization #3, 4, 5, 6

- Add a table to show store Location , margin , Total , and Profit.
- Add a multi card to show total and profit.
- Add a smart narrative next to the table.
- Add a line chart that shows total and profit by quarter.



³ One of the sales persons doesn't make any sales , this is why if you count sales person using sales table the result will be 12 not 13