**Q1. Create a sample table in postgres/mysql with following columns (15 Marks)**

Table Name : cdac\_power\_bi

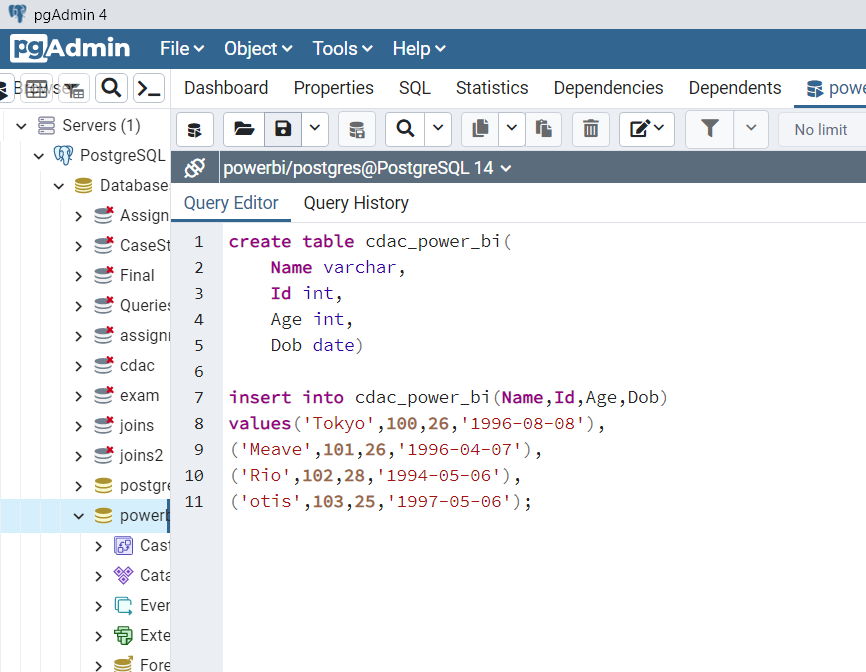
Column

Name - varchar

Id- integer

Age- integer

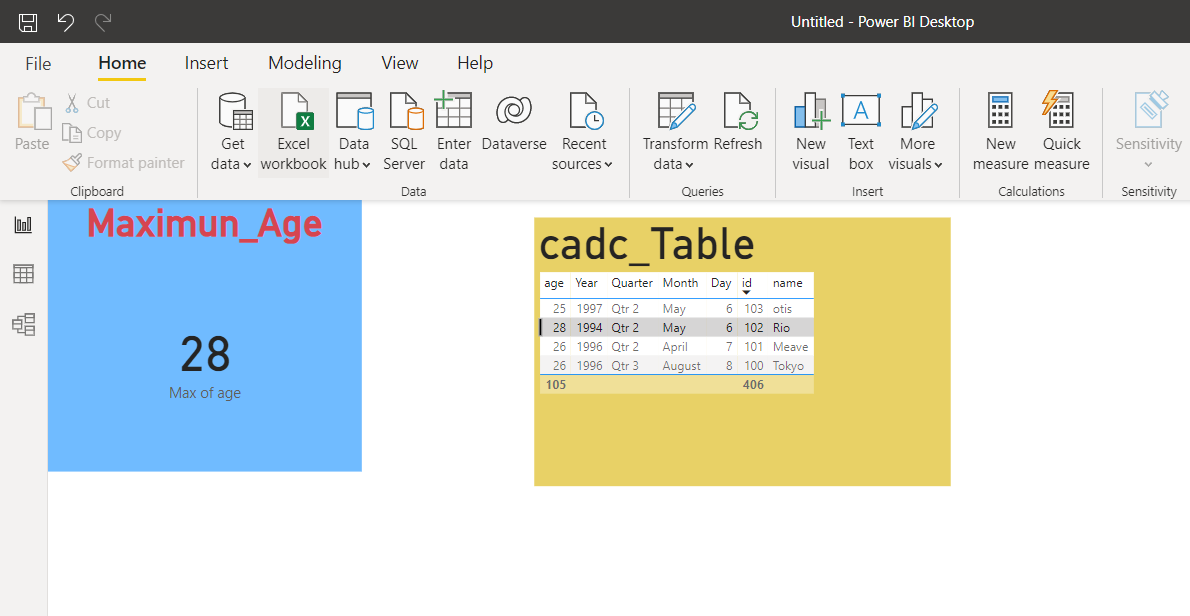
Dob – date



Insert 5 dummy rows into it and then connect to superset and populate

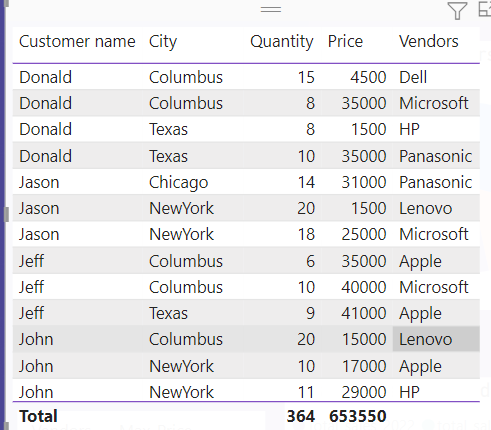
1. Table Chart

2. Card chart showing max age

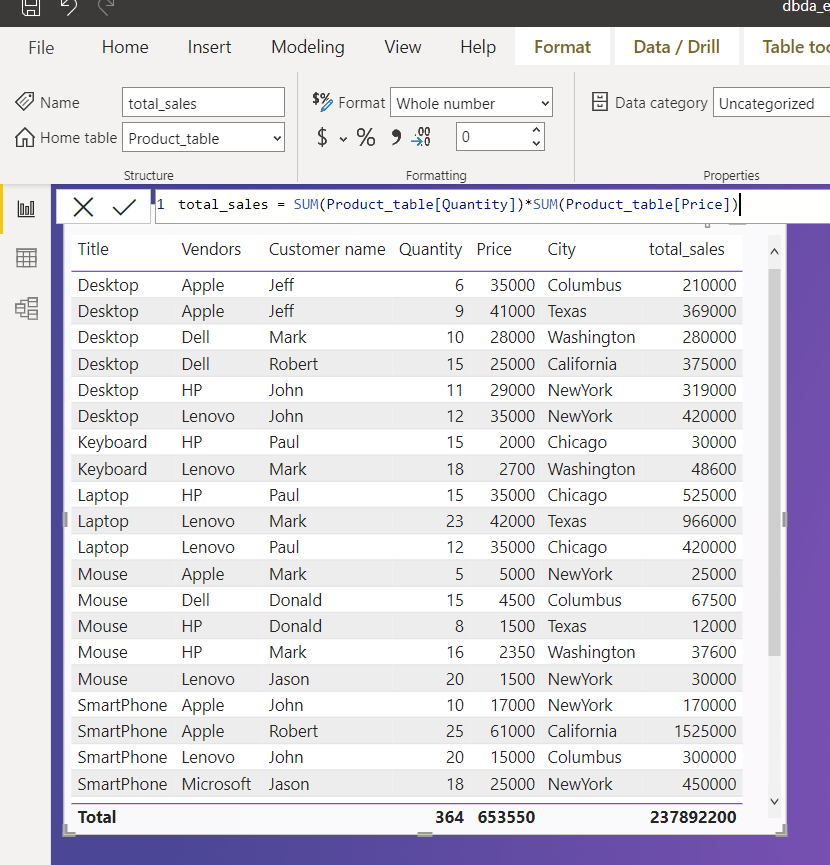


Q2.On product\_table data set do the following (25 Marks)

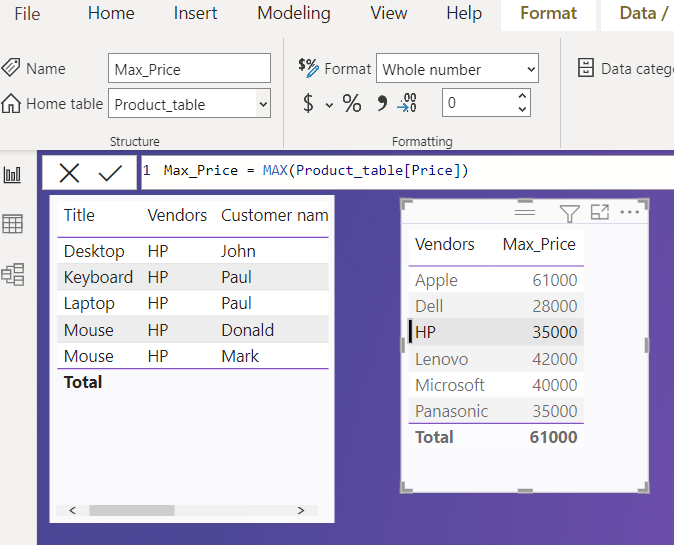
● Create table chart with title , vendor,customer name,quantity,price,city

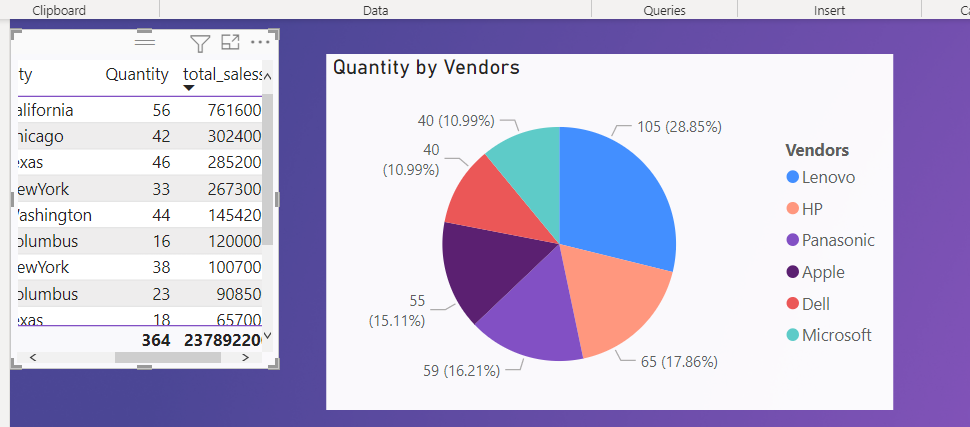


● Add new calculated column naming total\_sales which is derived from quantity \* price



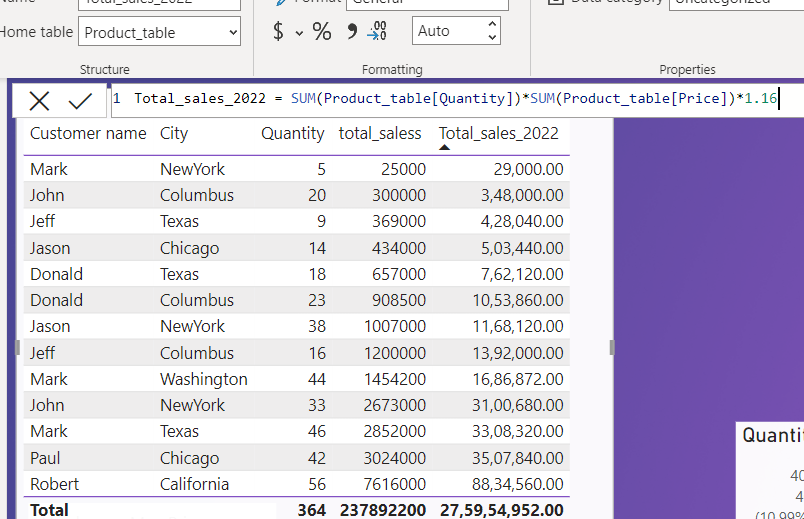
● Add new measure naming max\_price to get max of price column and then display every vendor max price in table chart



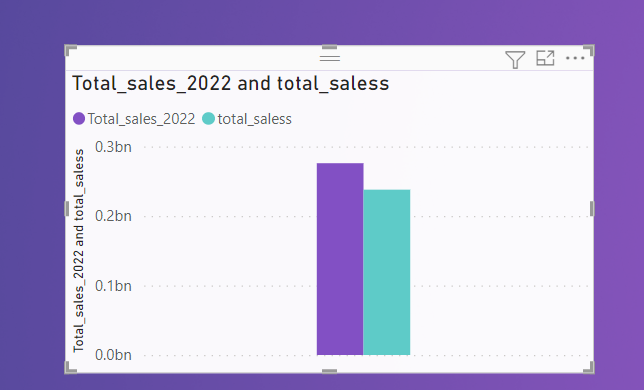
● Create pie chart showing the value and percentage of quantity by vendors

● Create one more column naming total\_sales\_2022 which is derived from quantity \*

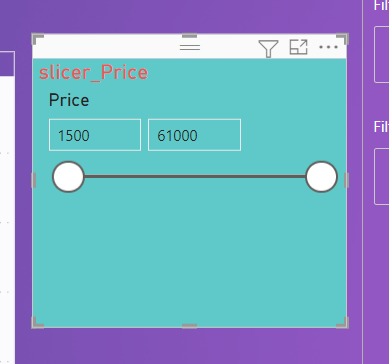
price \* 1.16



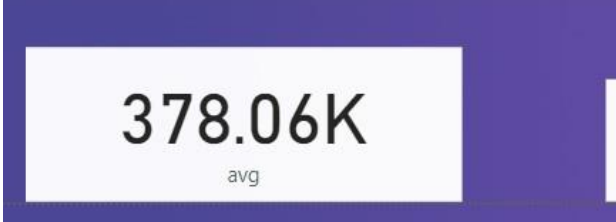
● Create clustered column chart showing both total\_sales and total\_sales\_2022



● Create a slicer chart of price



● Calculate avg sales and show in tile



● Create gauge chart with

○ value as total\_sales

○ Maximum value as max of total\_sales\_2022

○ Target Value as average of total\_sales

