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

Table Name : cdac\_power\_bi

Column

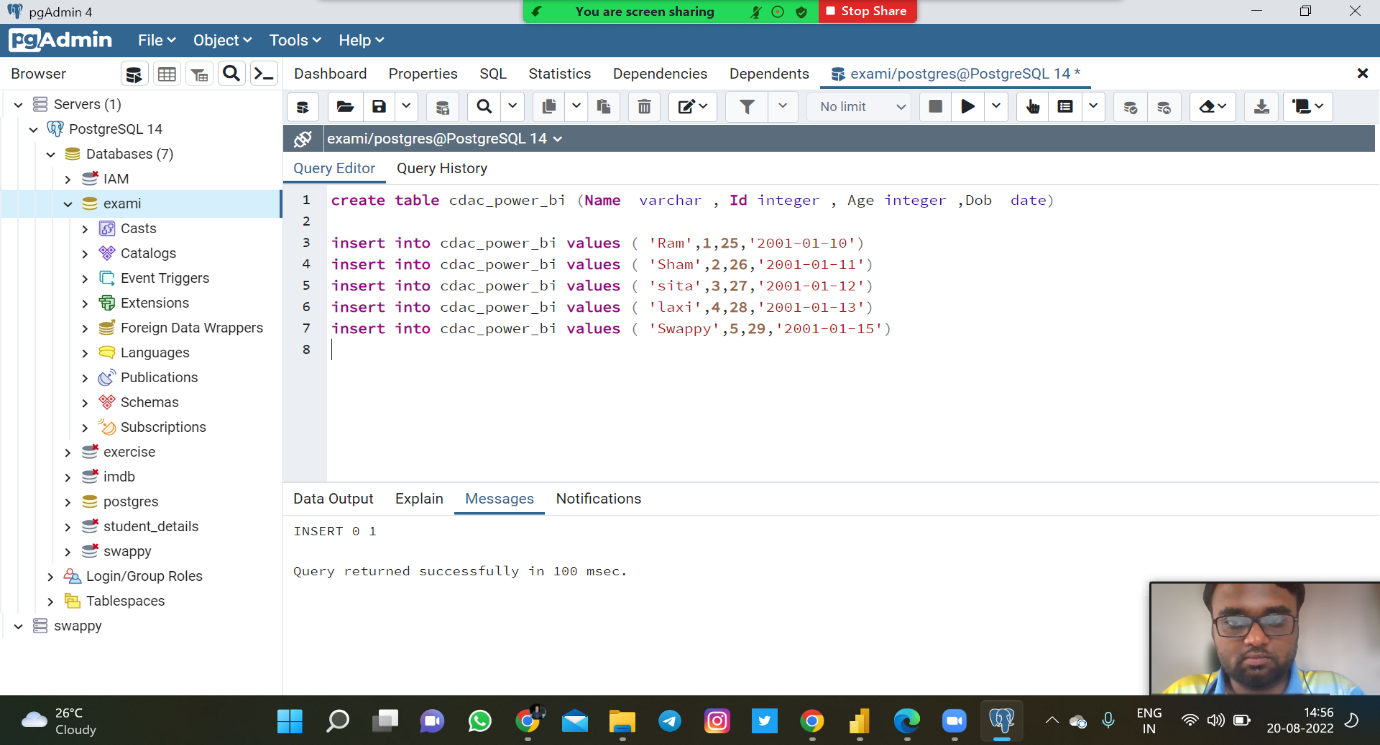
Name - varchar

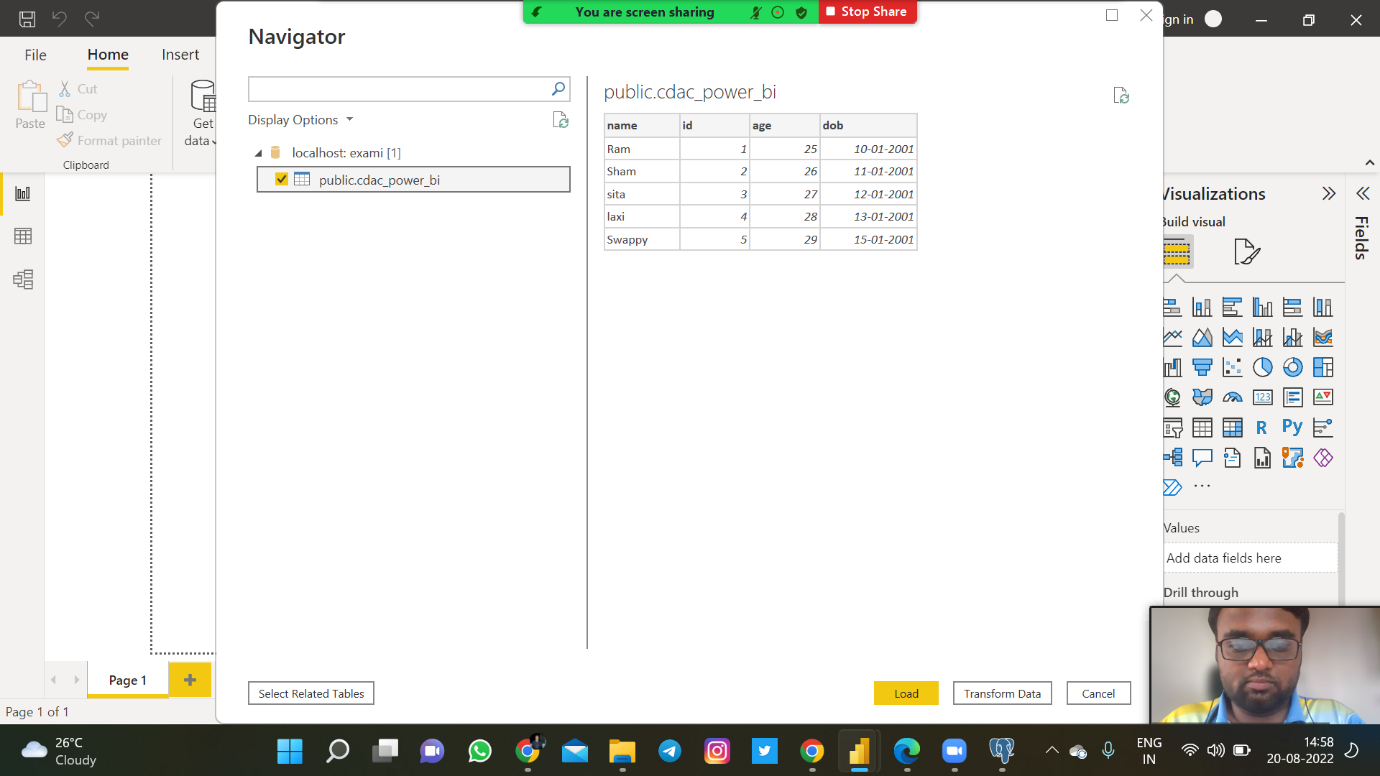
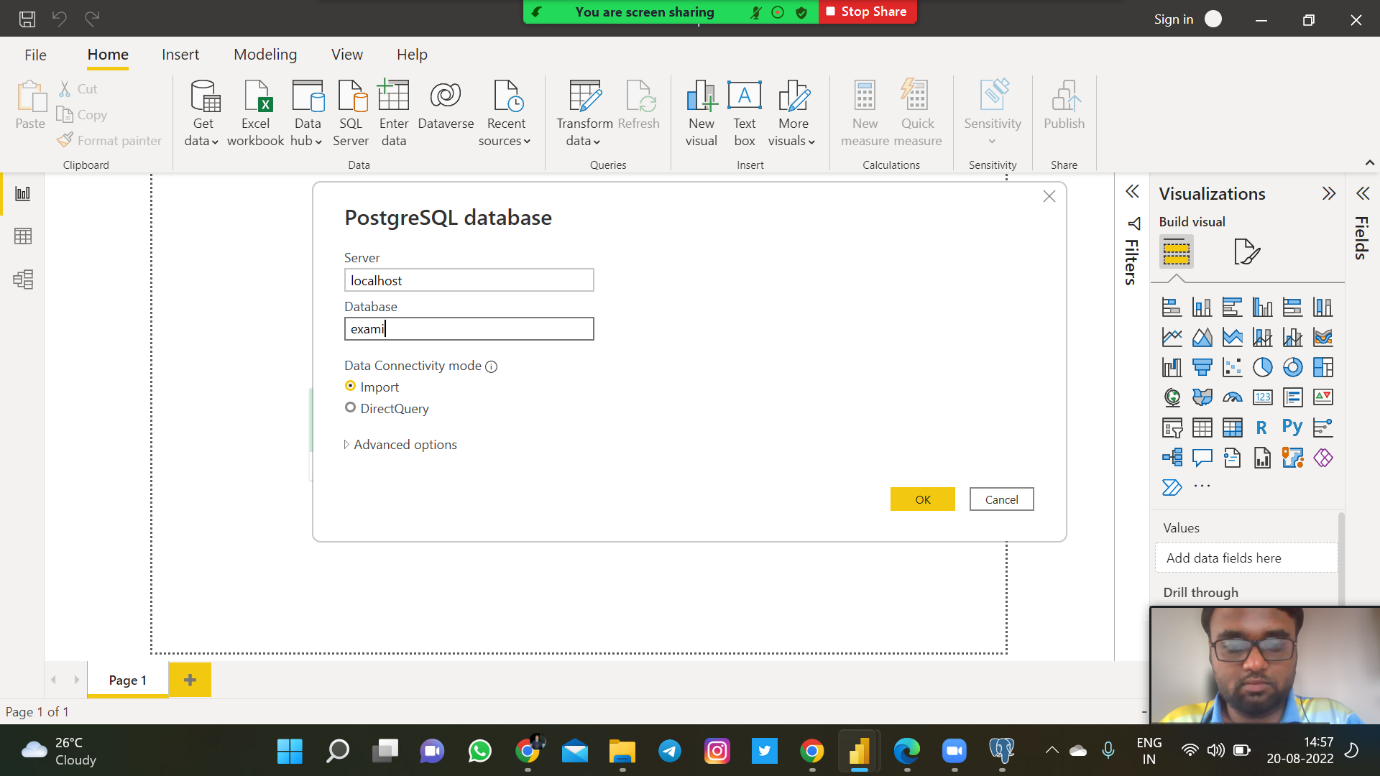
Id- integer

Age- integer

Dob – date

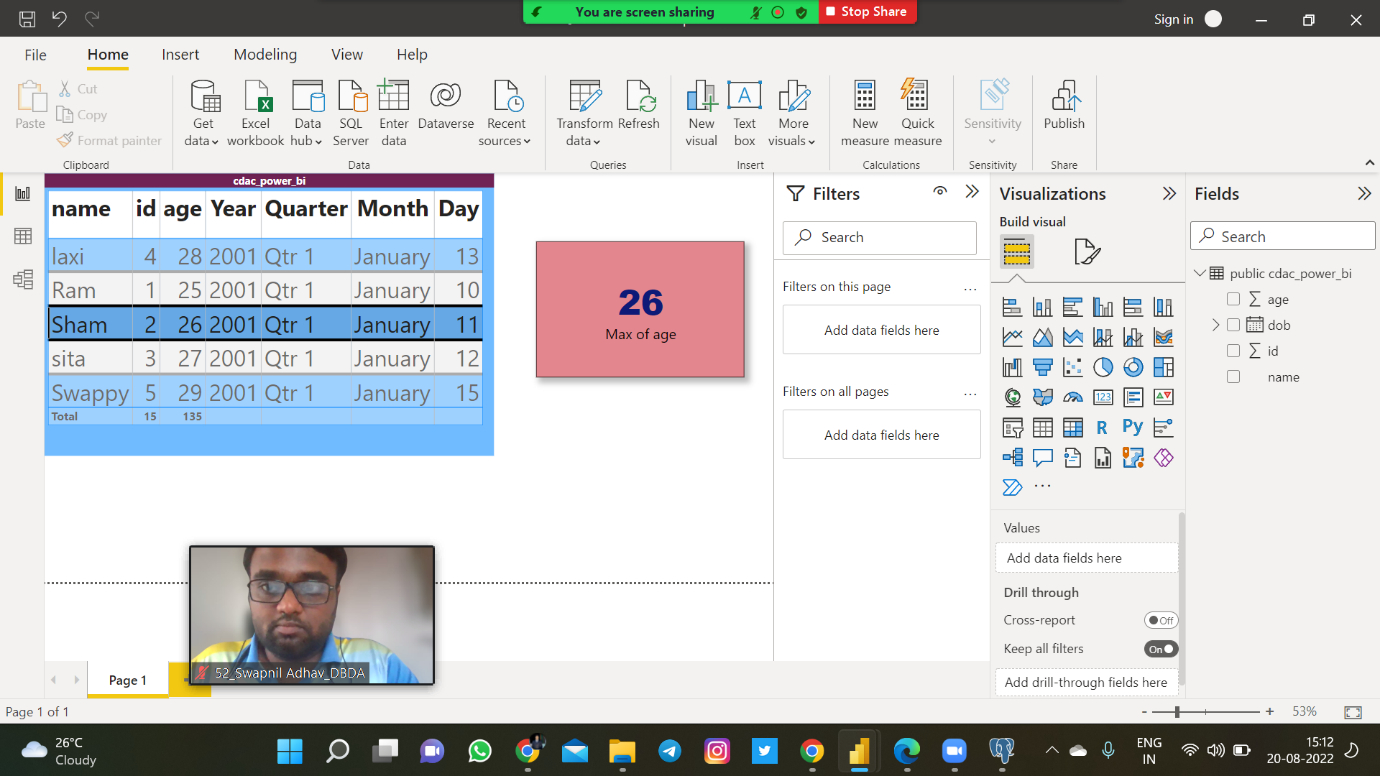
Connecting Postgres to Power BI





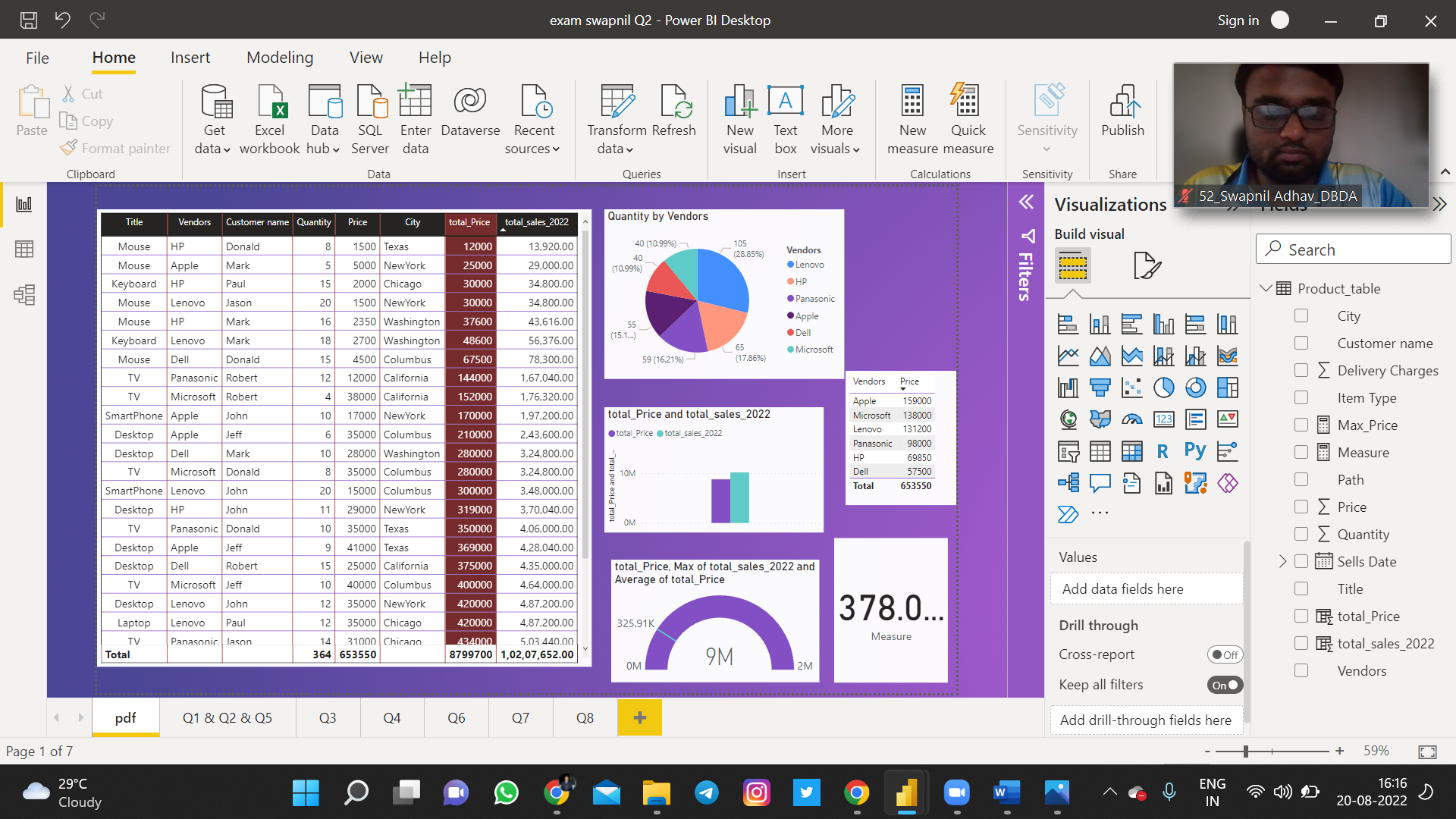
Insert 5 dummy rows into it and then connect to superset and populate

1. Table Chart
2. Card chart showing max age



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

All Charts



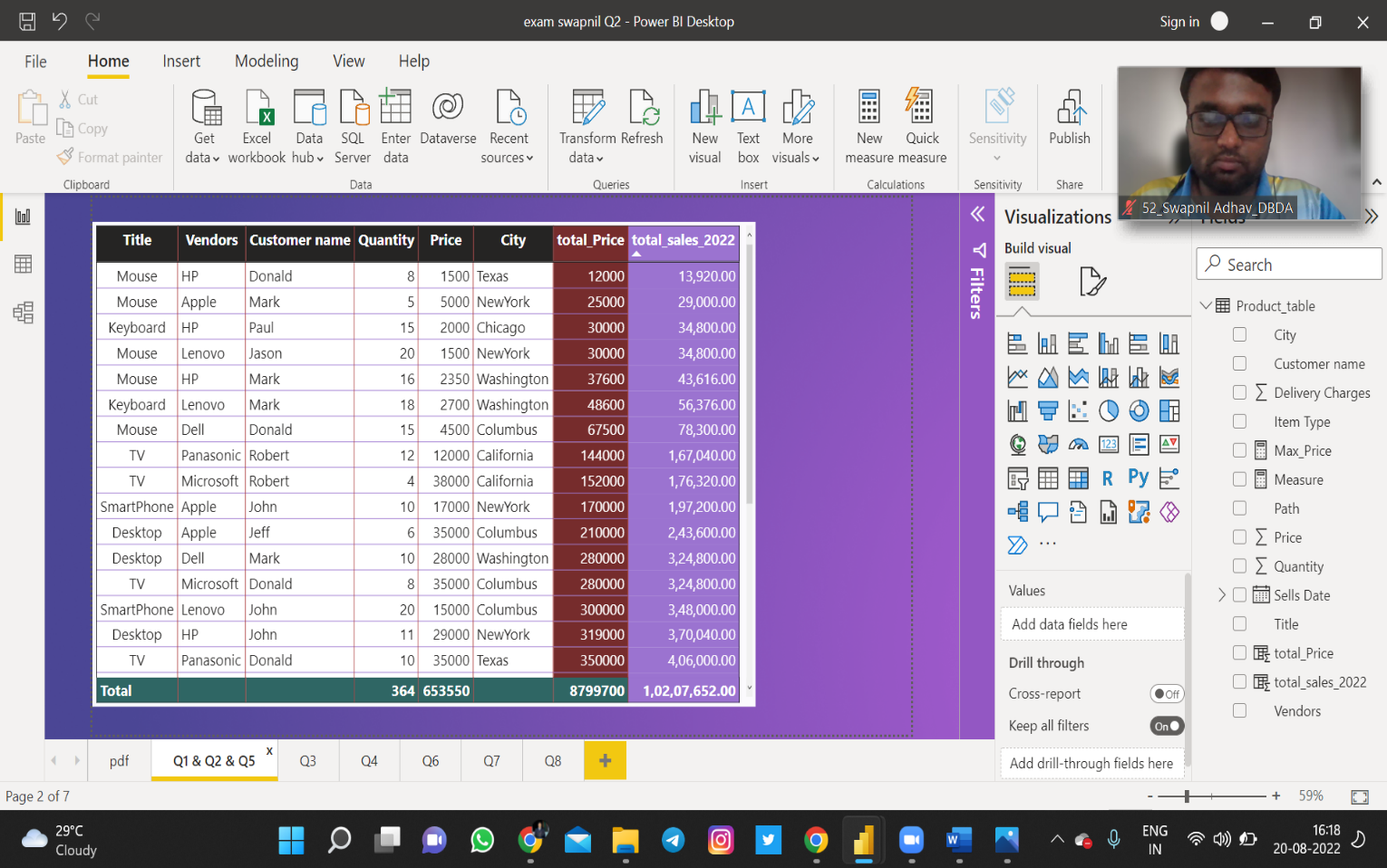
Answers of below questions..

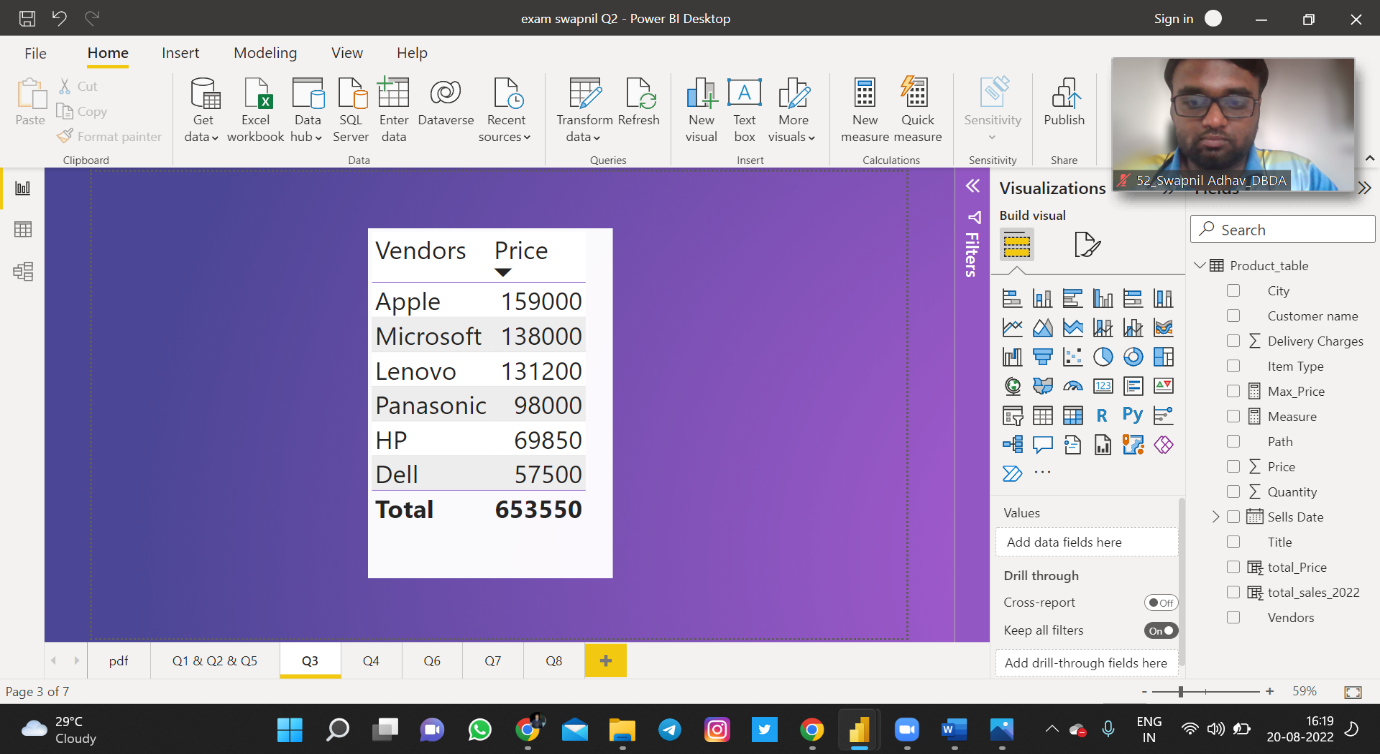
1. Create table chart with title , vendor,customer name,quantity,price,city

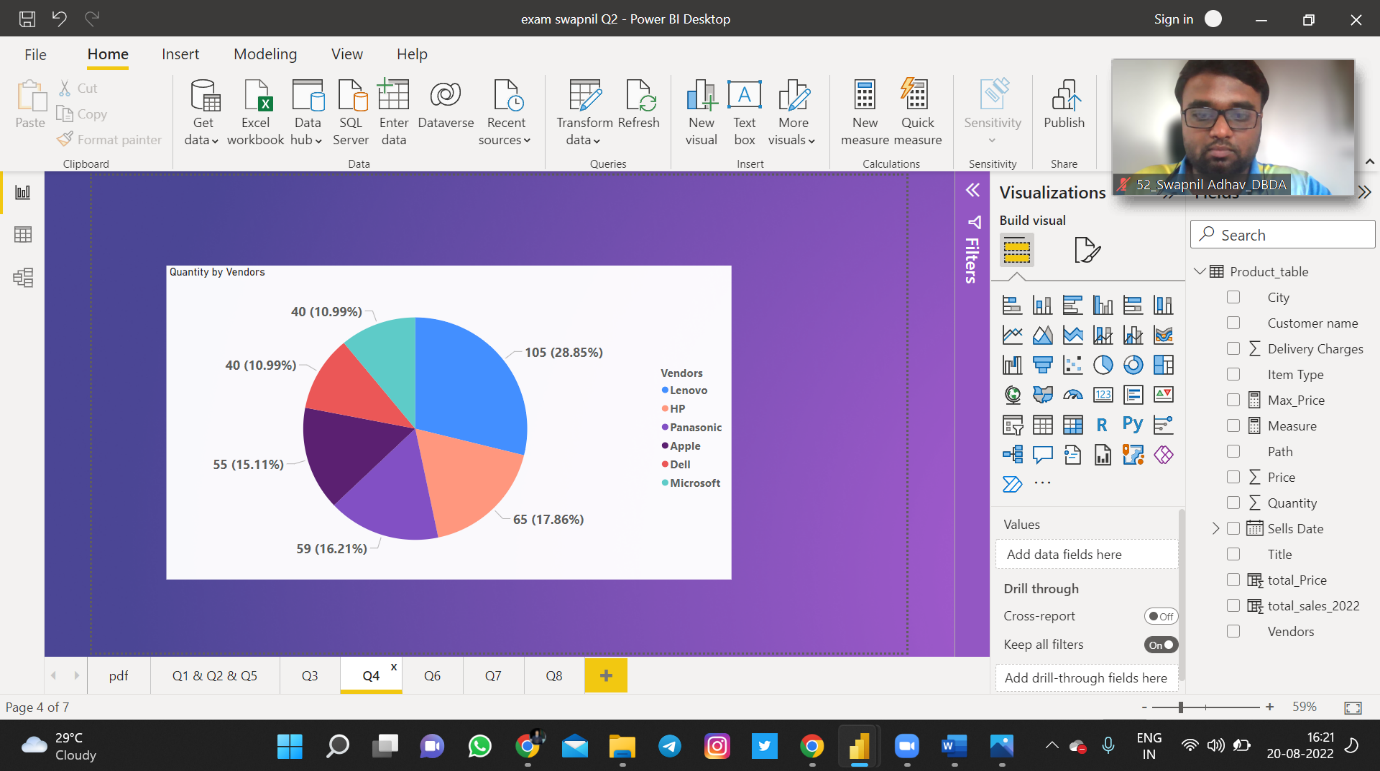
2. Add new calculated column naming total\_sales which is derived from quantity \* price

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

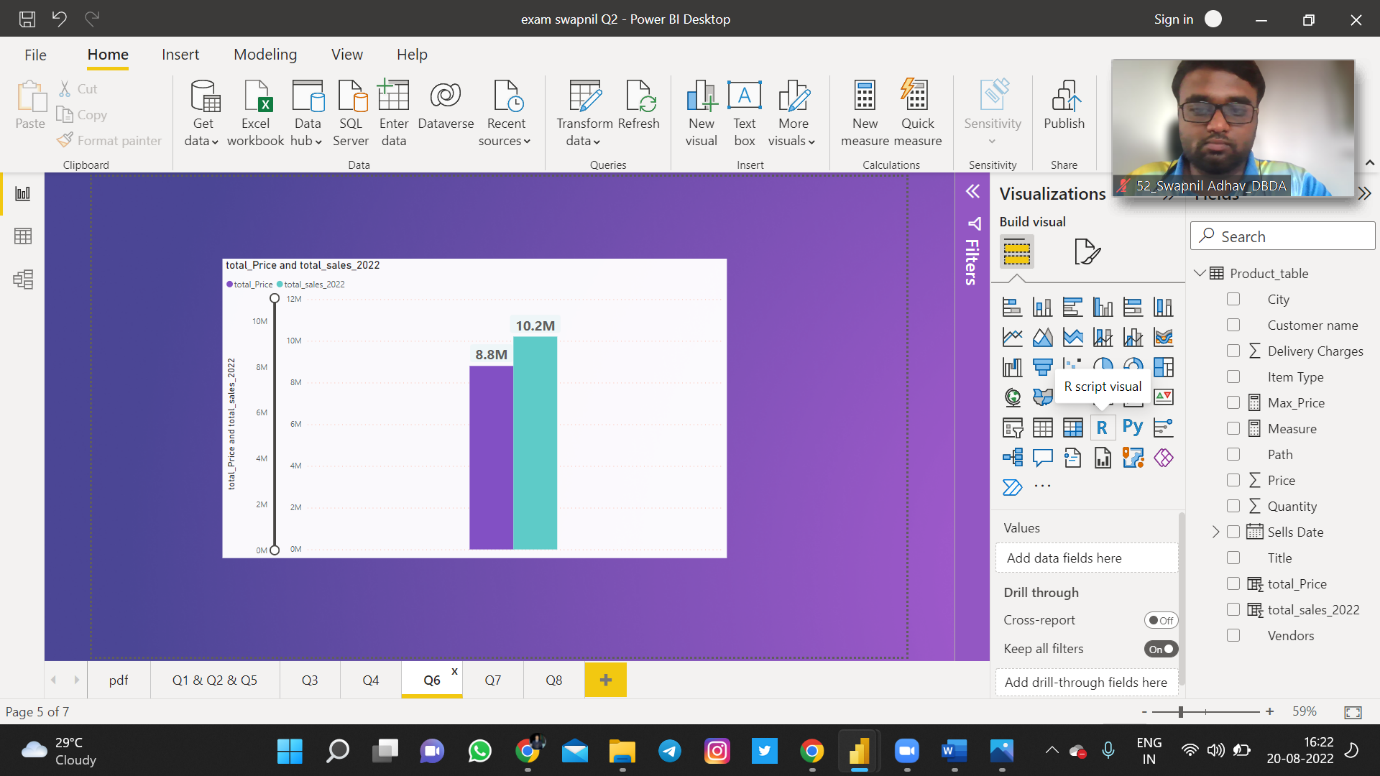
price \* 1.16



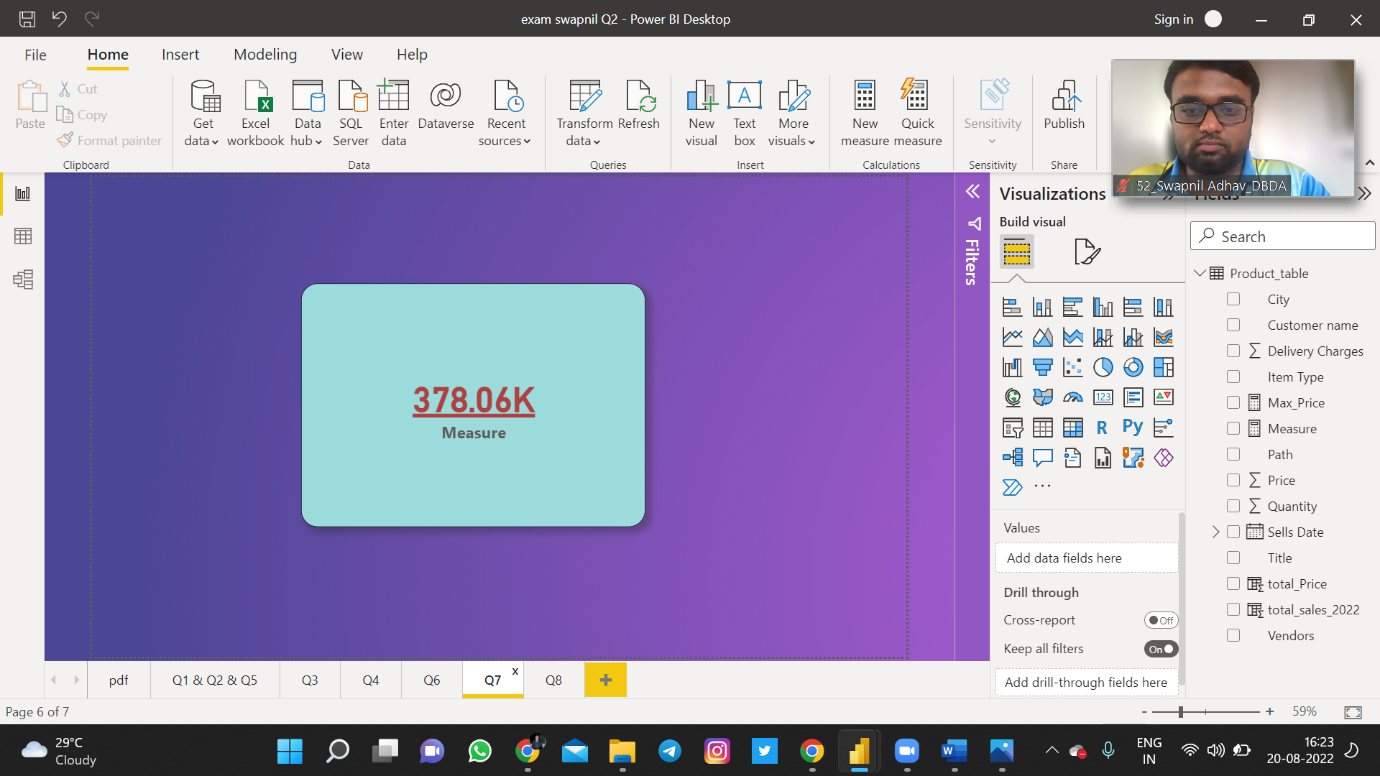
1. Add new measure naming max\_price to get max of price column and then display everyvendor max price in table chart.
2. Create pie chart showing the value and percentage of quantity by vendors



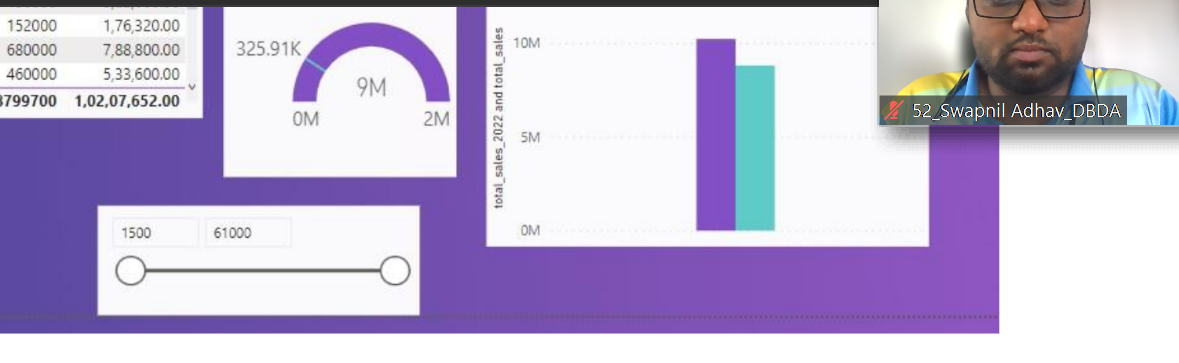
6.Create clustered column chart showing both total\_sales and total\_sales\_2022



7.Create a slicer chart of price



8.Calculate avg sales and show in tile

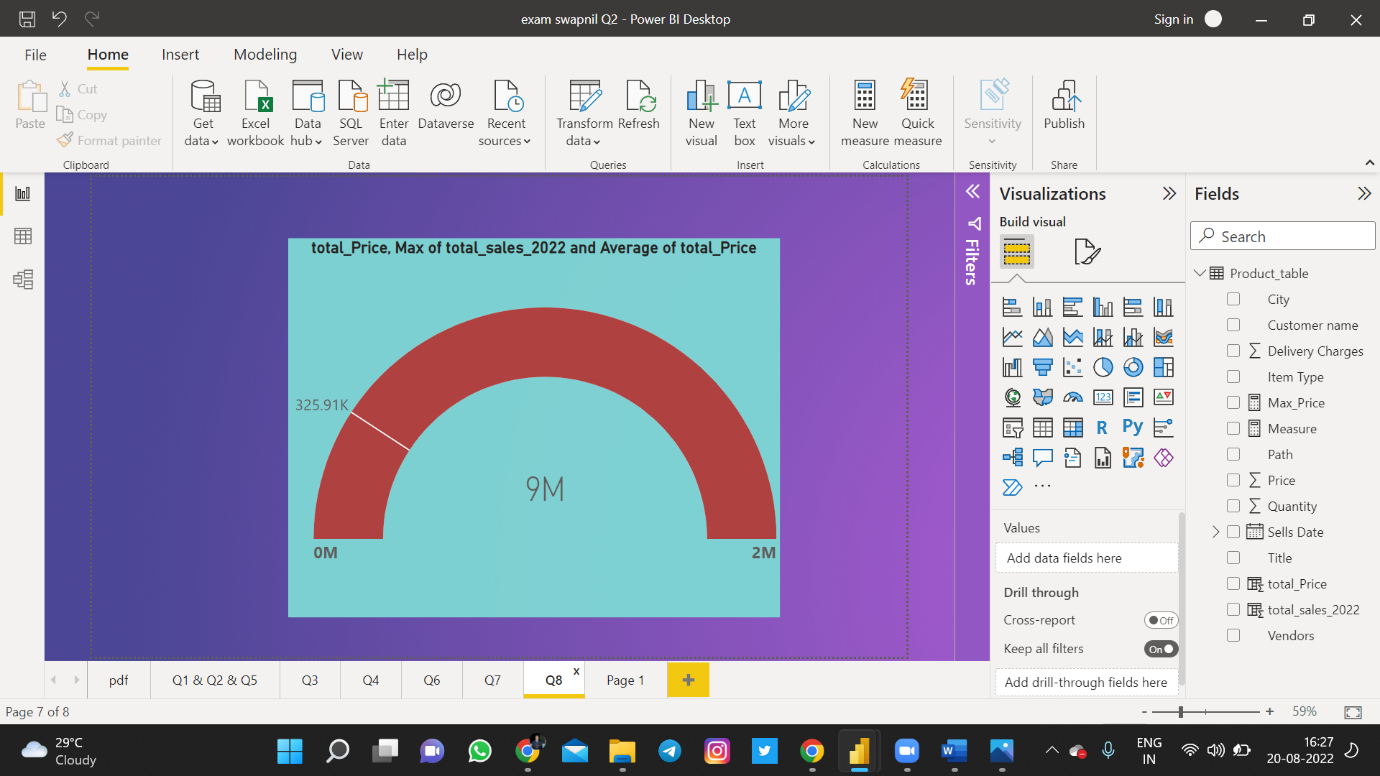


9. Create gauge chart with

○ value as total\_sales

○ Maximum value as max of total\_sales\_2022

○ Target Value as average of total\_sales

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