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

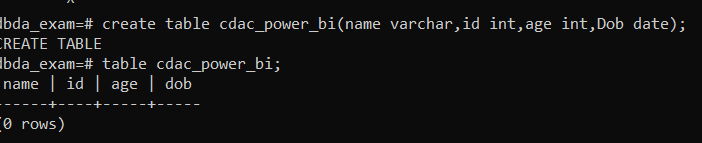
Dob - date

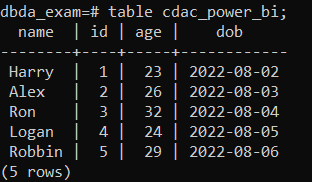
Insert 5 dummy rows into it and then connect to superset and populate

1. Table Chart

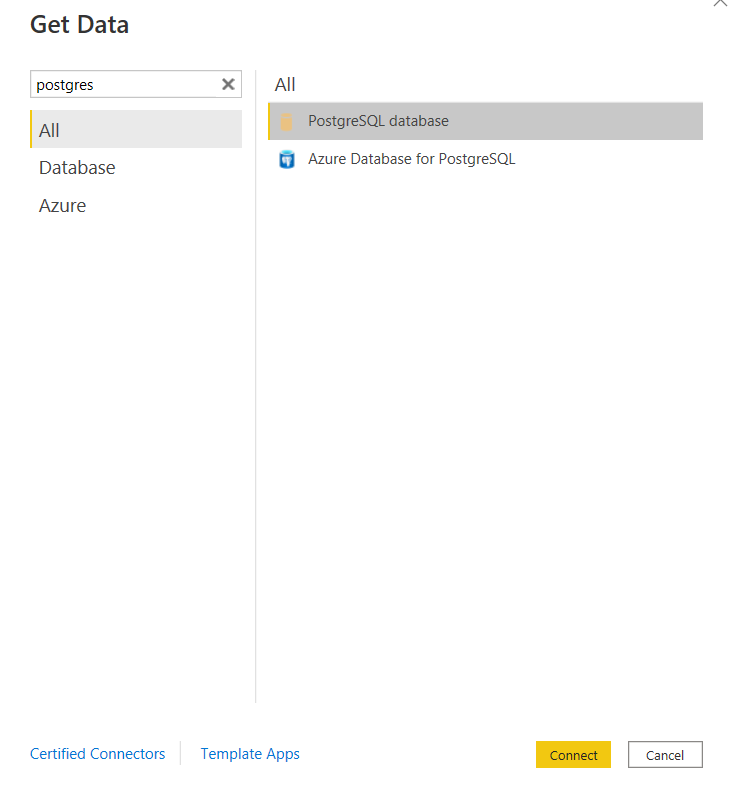
2. Card chart showing max age

Solution1.

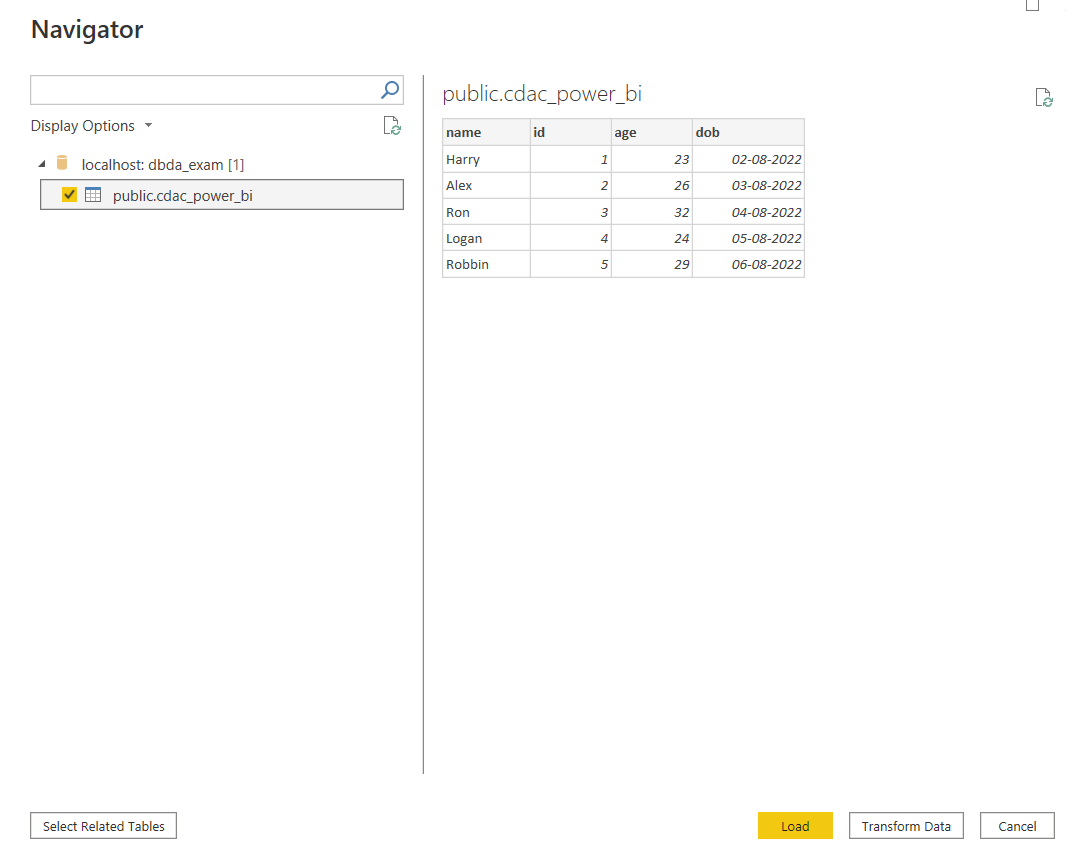




**Importing PostgreSQL Dataset:**

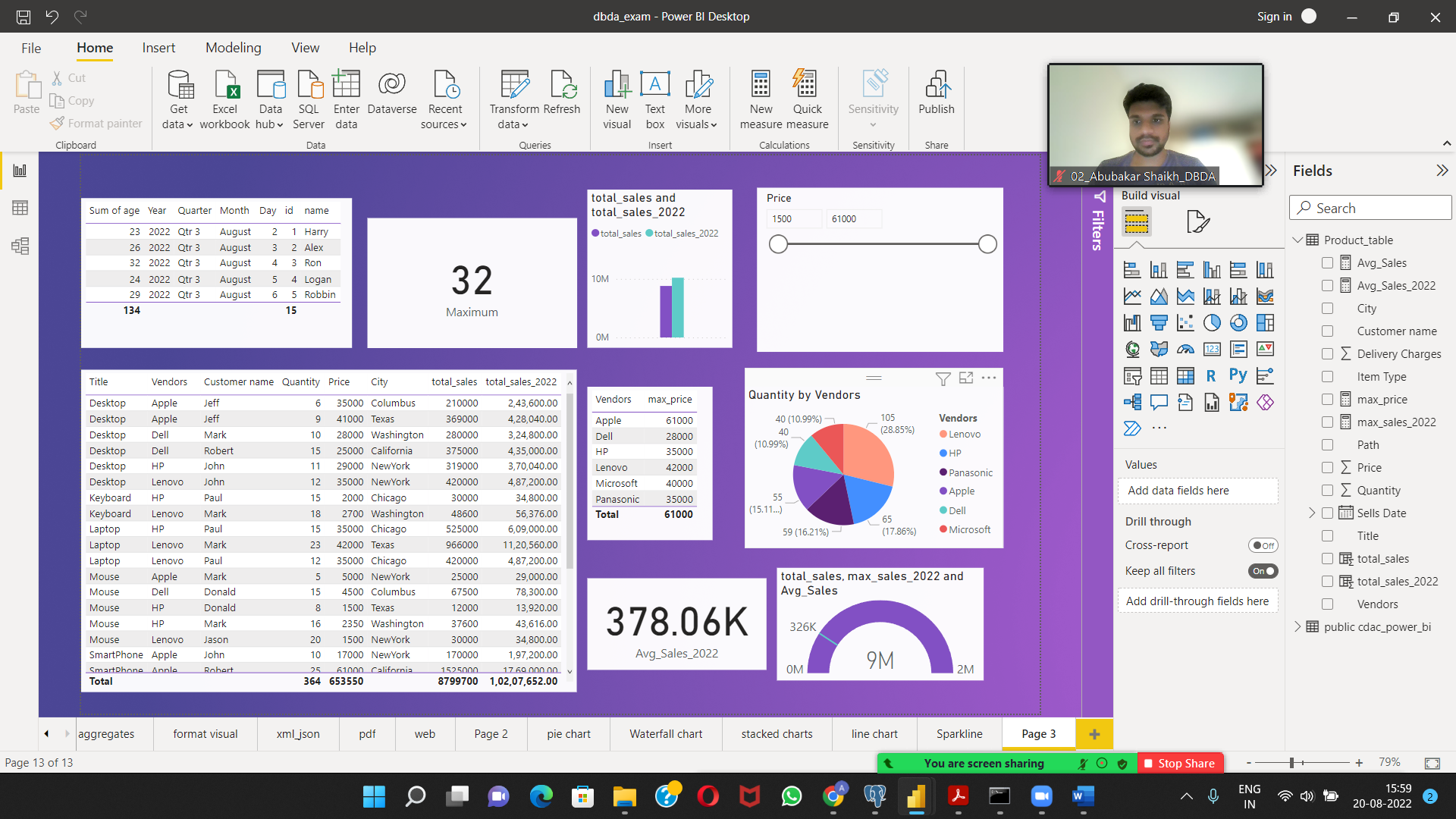






**1. Table Chart**

**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**

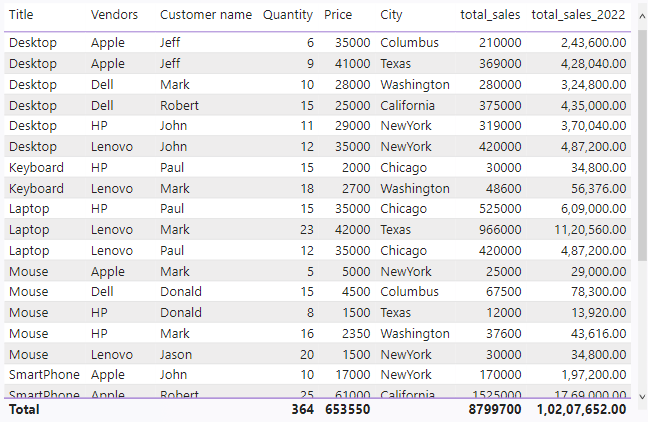
○ Target Value as average of total\_sales

Solution2.

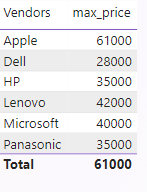
● Create table chart with title , vendor,customer name,quantity,price,city

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

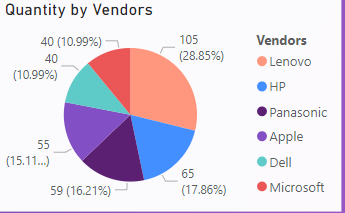
● Create one more column naming **total\_sales\_2022** which is derived from quantity \* price \* 1.16

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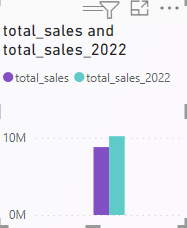
● Add new measure naming max\_price to get max of price column and then display every vendor max price in table chart

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

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

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● Create a slicer chart of price

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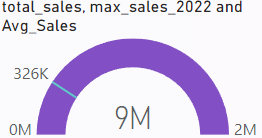
● Calculate avg sales and show in tile

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○ 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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**Final Report:**

