**Question 1**

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

**Answer**

create table cdac\_power\_bi(

Name char(50),

id int,

Age int,

Dob date );

insert into cdac\_power\_bi values

('Sagar', 42, 26, '1996-02-28'),

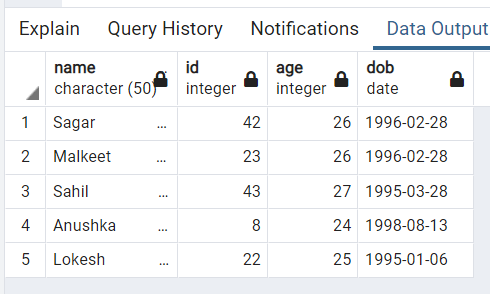
('Malkeet', 23, 26, '1996-02-28'),

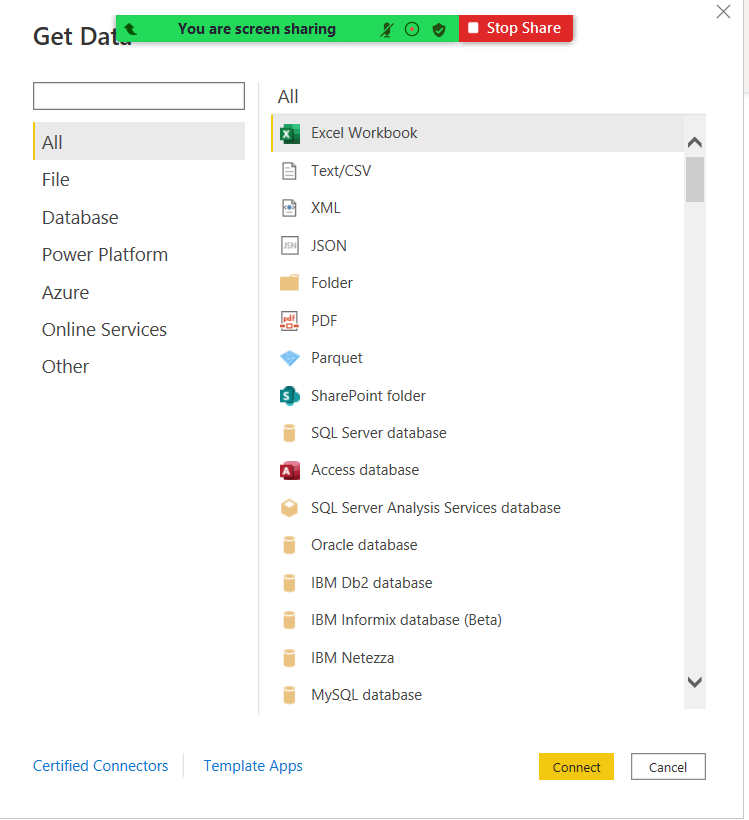
('Sahil',43,27,'1995-03-28'),

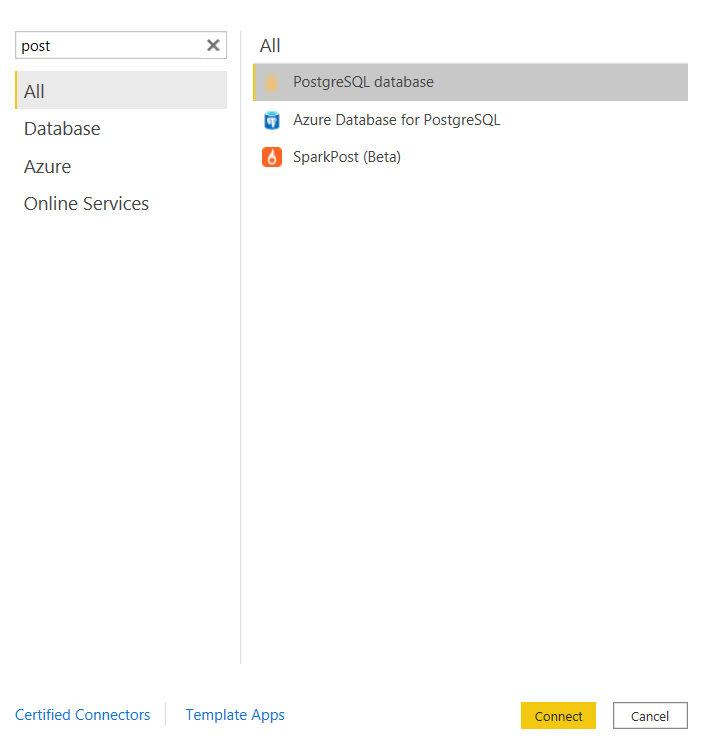
('Anushka', 08,24,'1998-08-13'),

('Lokesh', 22,25,'1995-01-06');

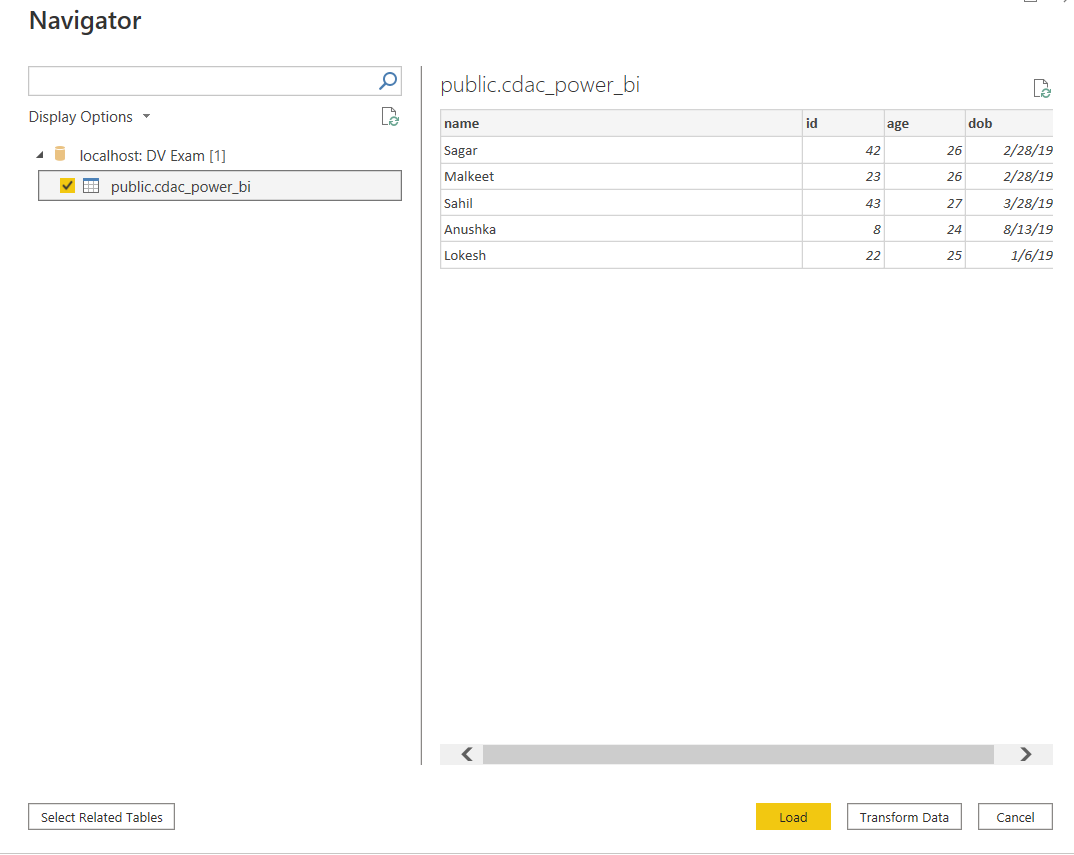
select \* from cdac\_power\_bi;

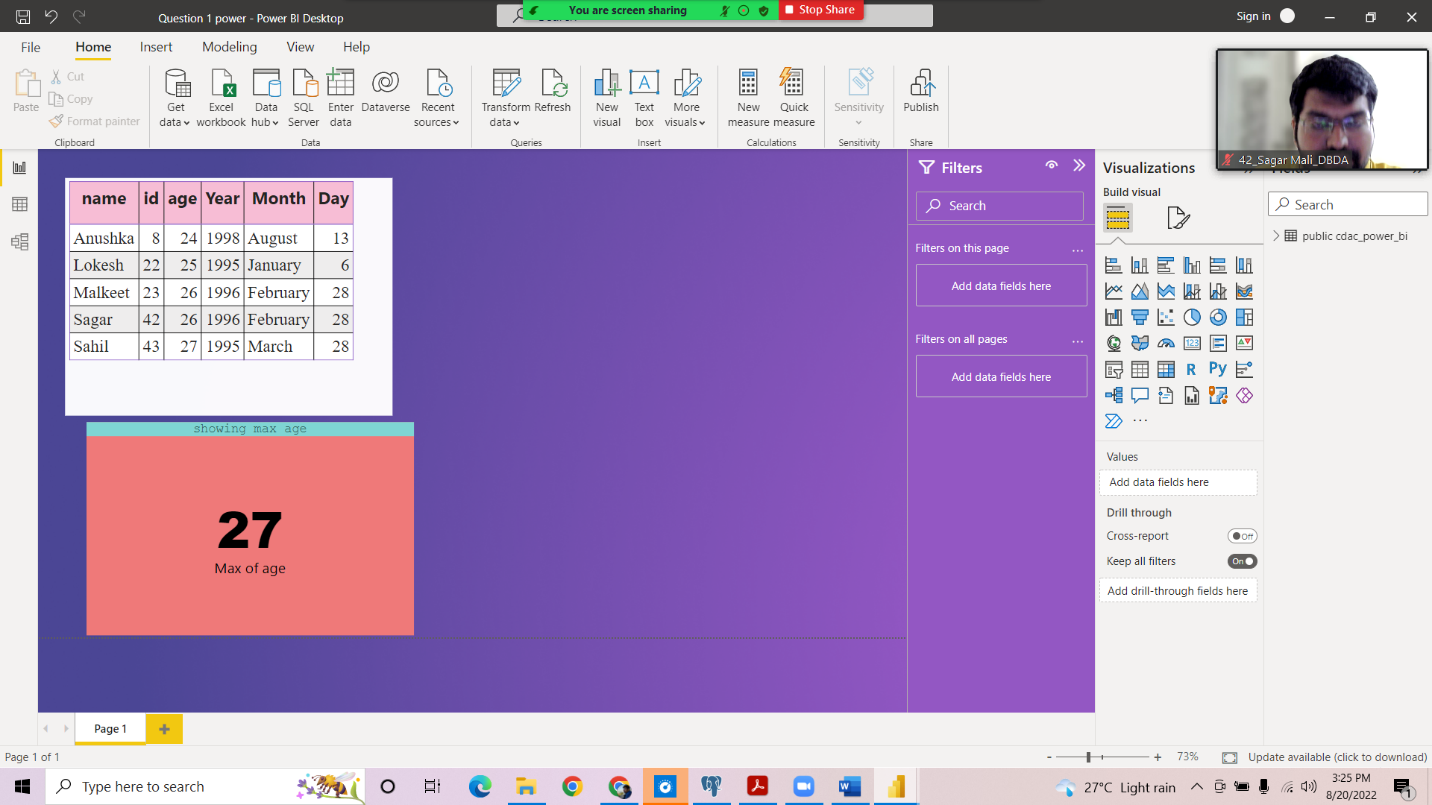












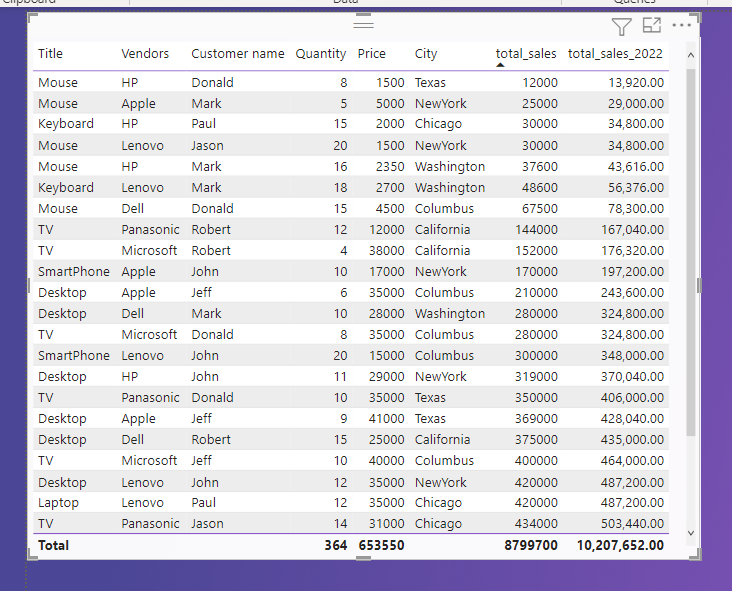
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**Question 2**

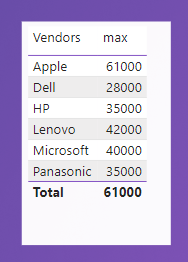
Create table chart with title , vendor,customer name,quantity,price,city

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

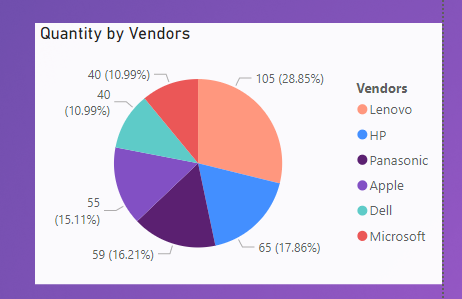
Create one more column naming **total\_sales\_2022** which is derived from quantity \* price \* 1.16



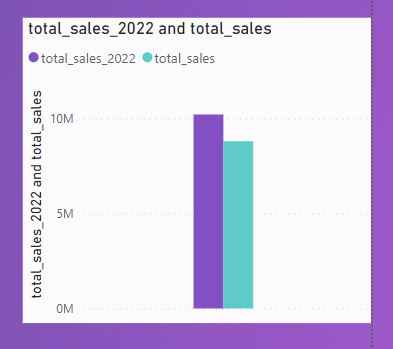
Add new measure naming max\_price to get max of price column and then display every vendor max price in table chart



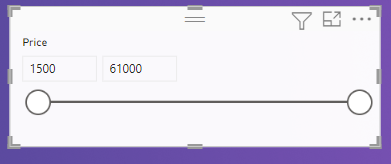
Create pie chart showing the value and percentage of quantity by vendors



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



Create a slicer chart of price



Calculate avg sales and show in tile

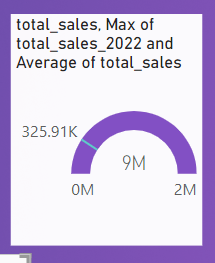


Create gauge chart with

○ value as total\_sales

○ Maximum value as max of **total\_sales\_2022**

○ Target Value as average of total\_sales



Final Dashboard

