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

Table Name : cdac\_power\_bi

Column

Name - varchar

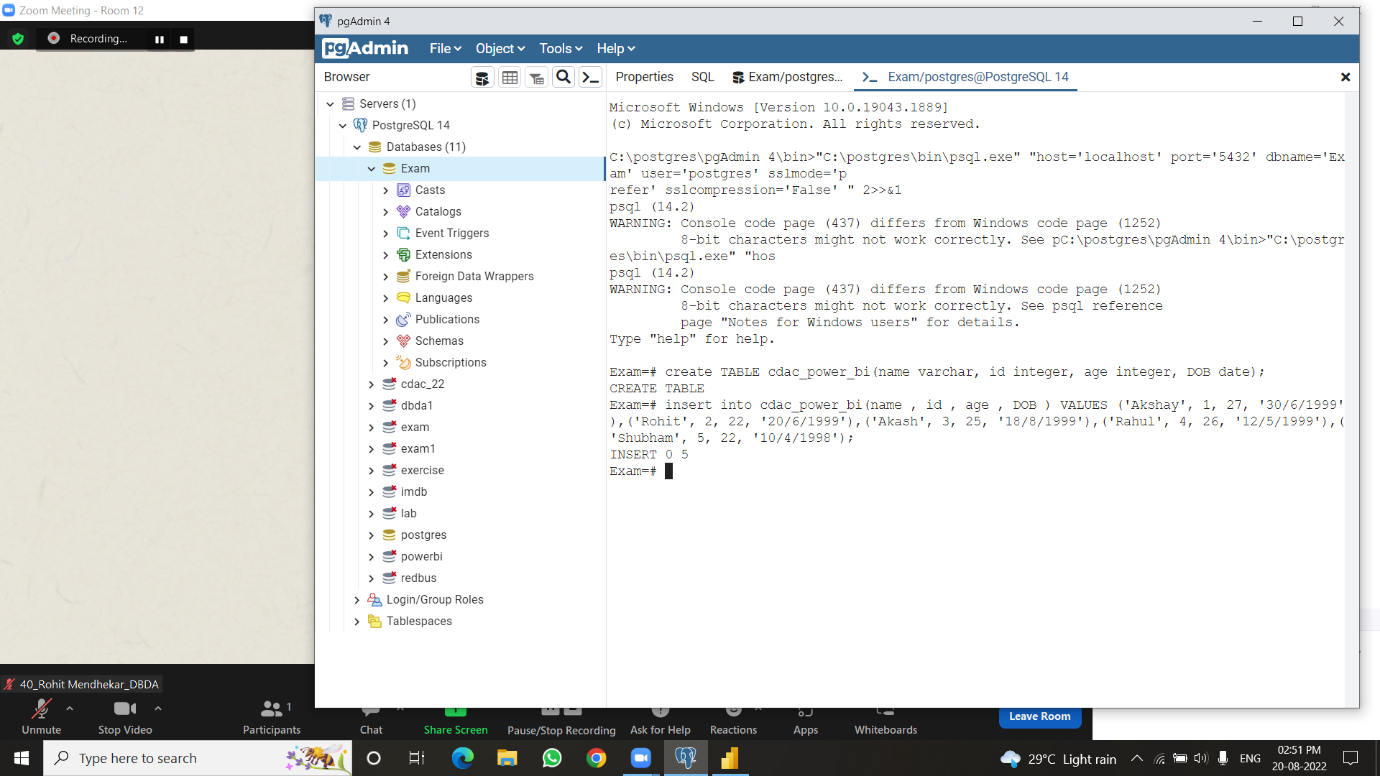
Id- integer

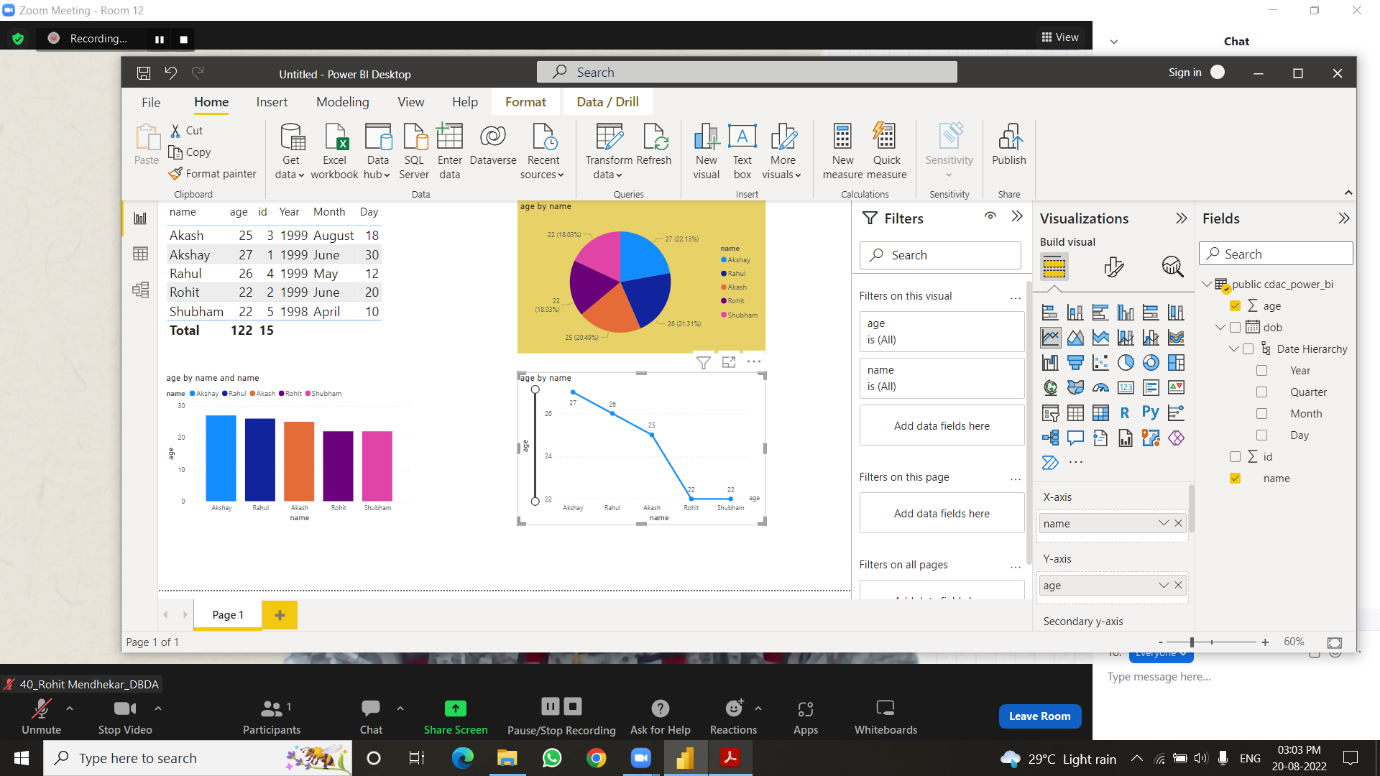
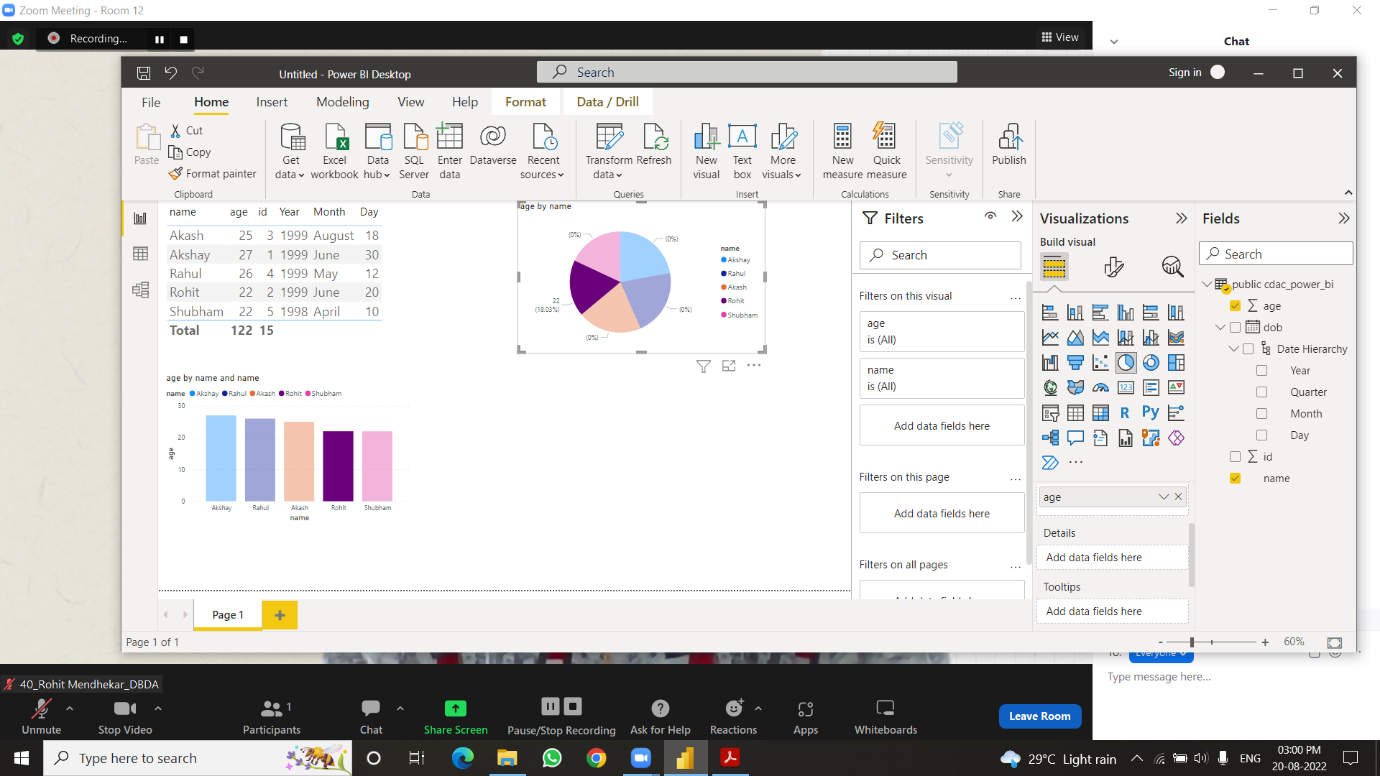
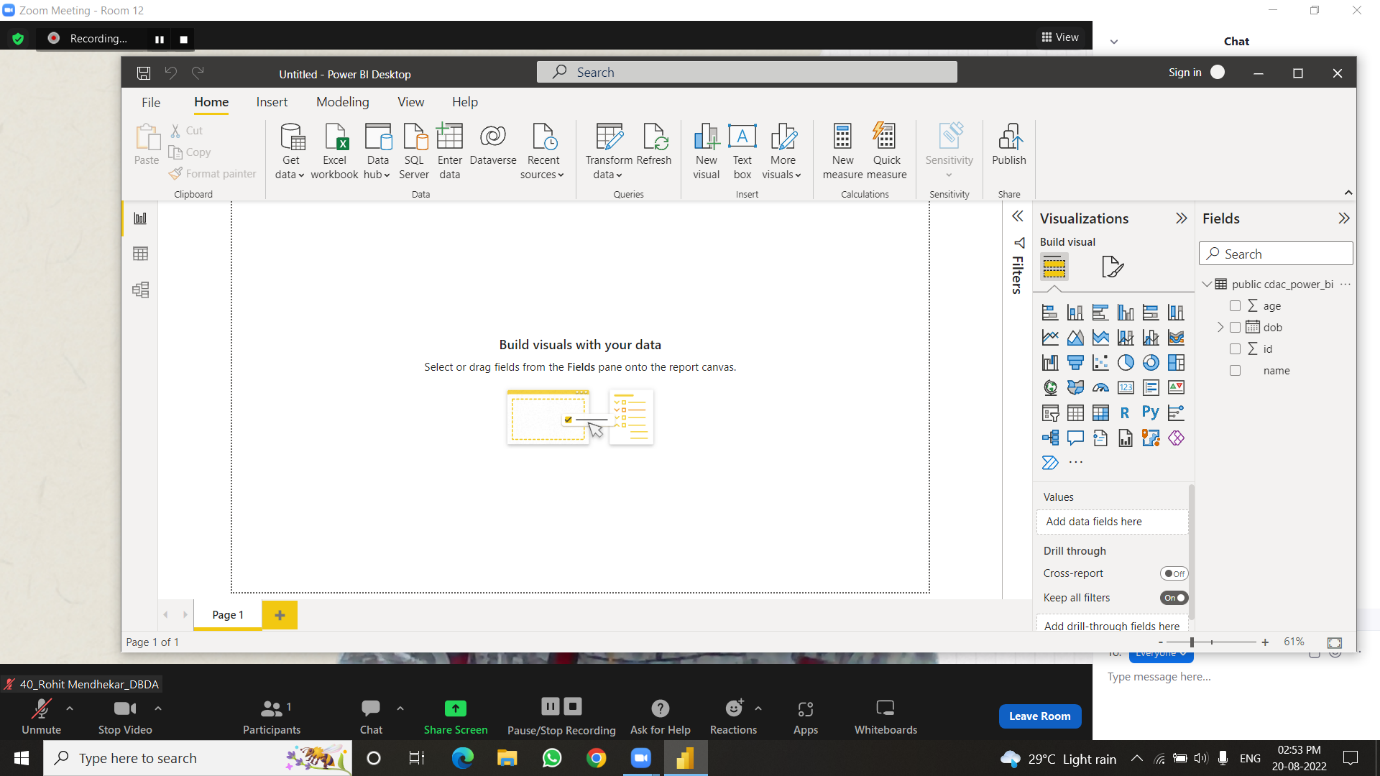
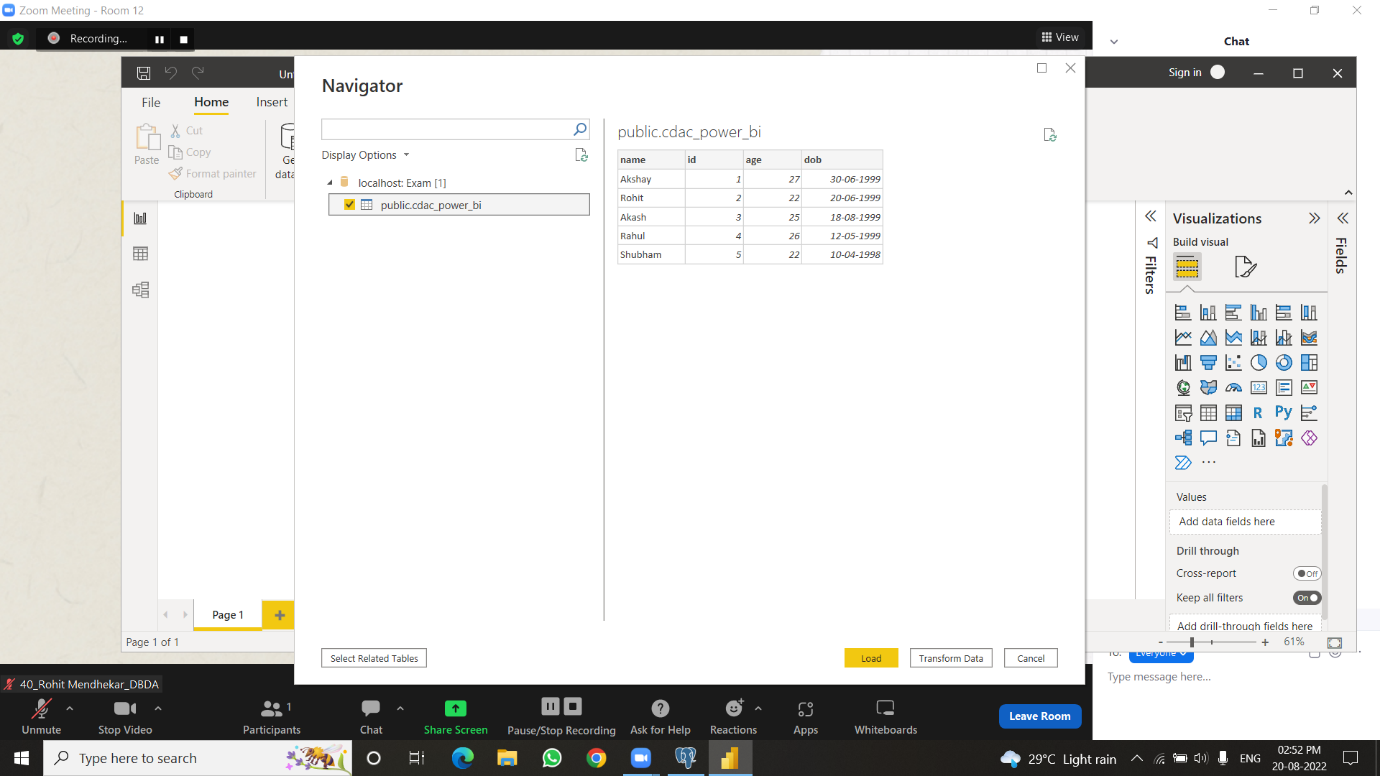
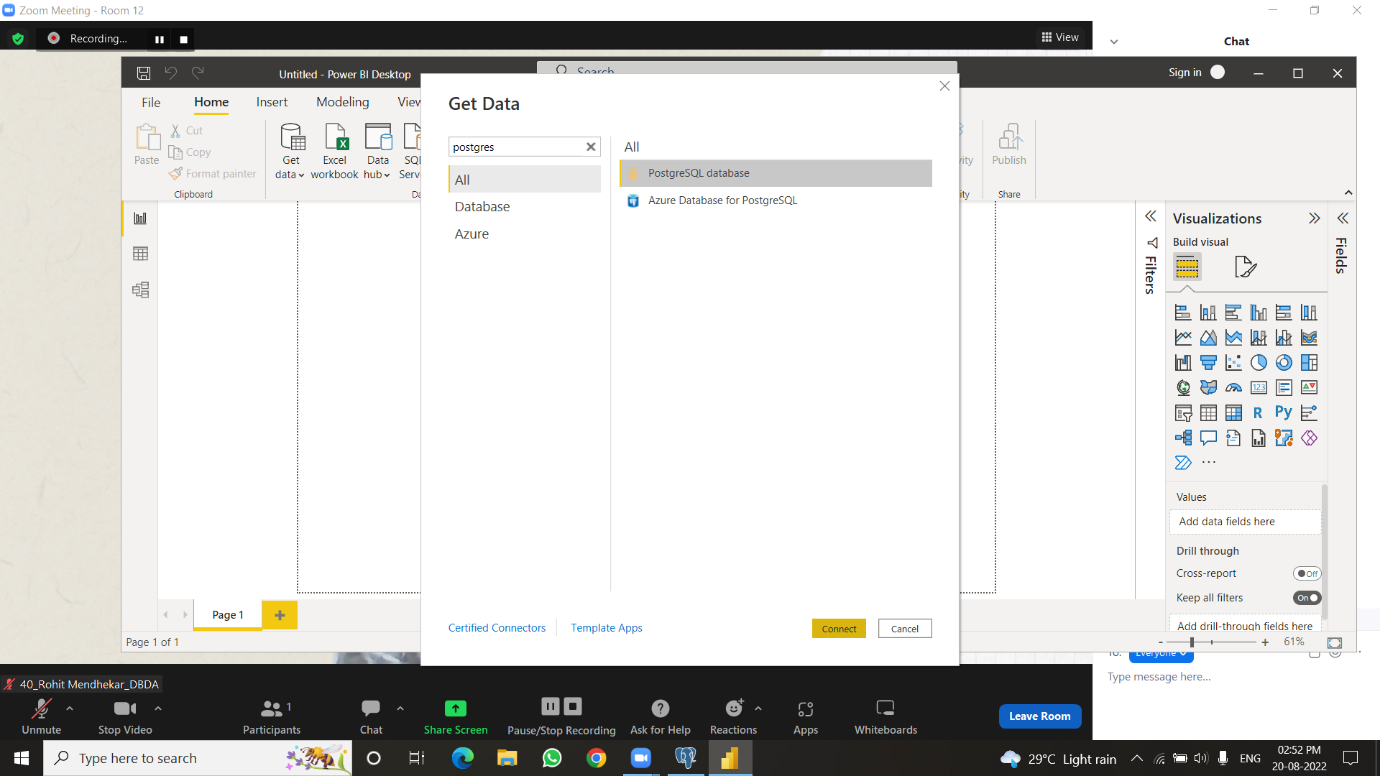
Age- integer

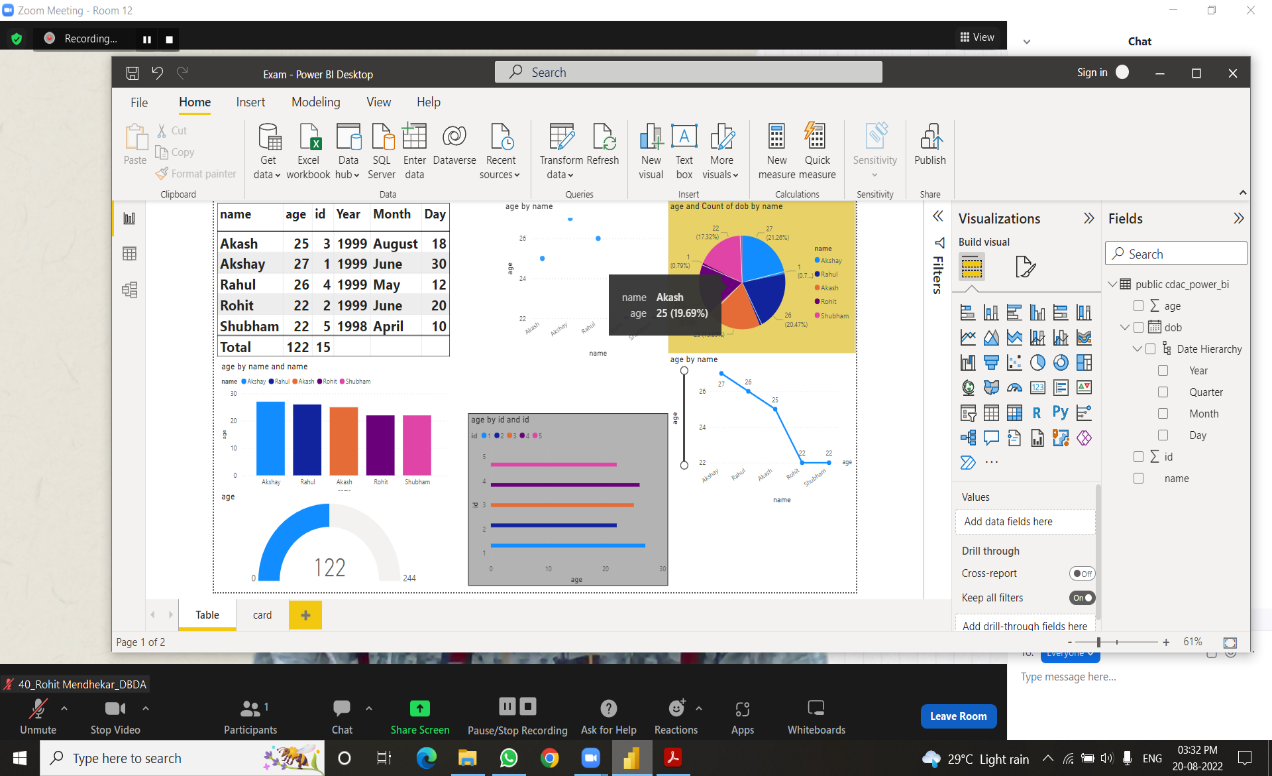
Dob – date

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

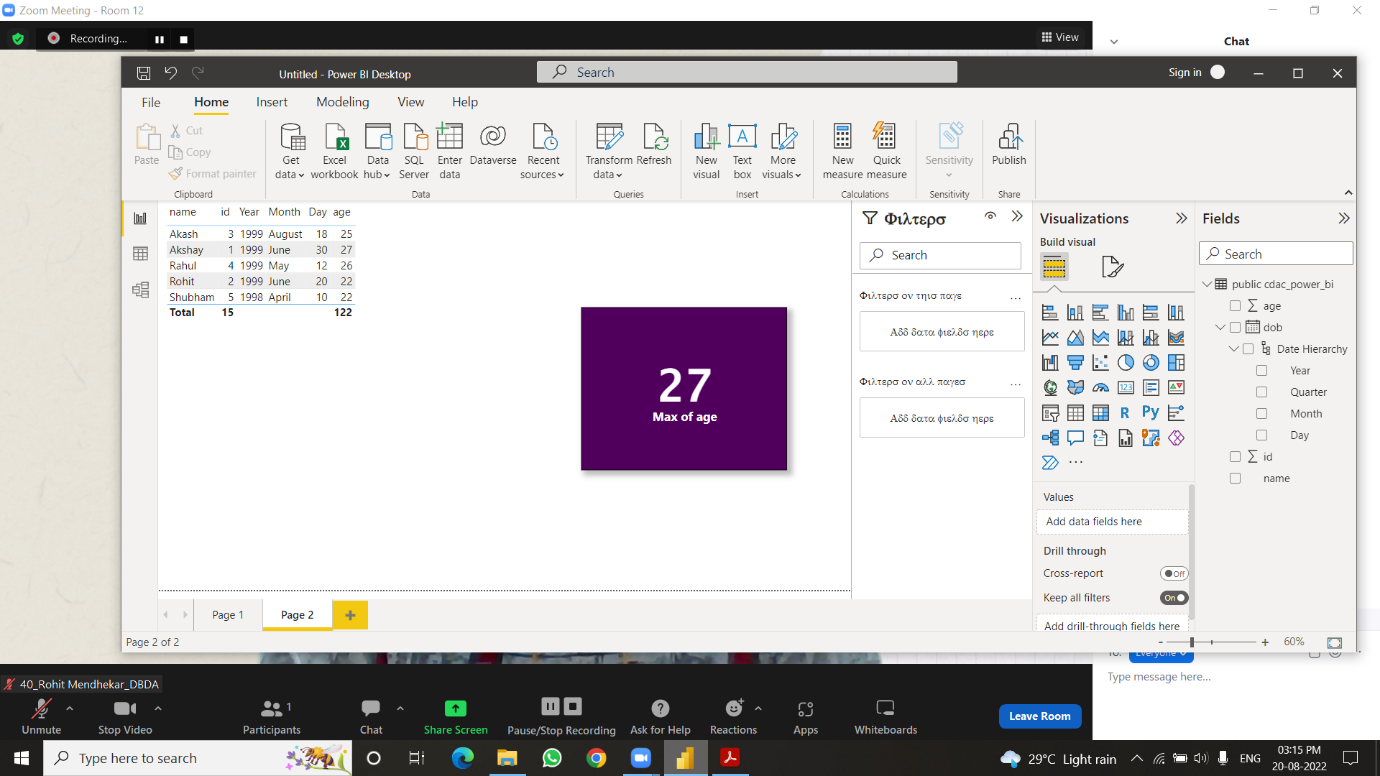
1. Table Chart







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

