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

create database bi;

use bi;

create table cdac\_power\_bi(Name varchar(30),

Id int,

Age int,

Dob date

)

table cdac\_power\_bi;

truncate cdac\_power\_bi;

insert into cdac\_power\_bi(Name,Id ,Age,Dob) values("aban",1, 15,"1998-02-02"),

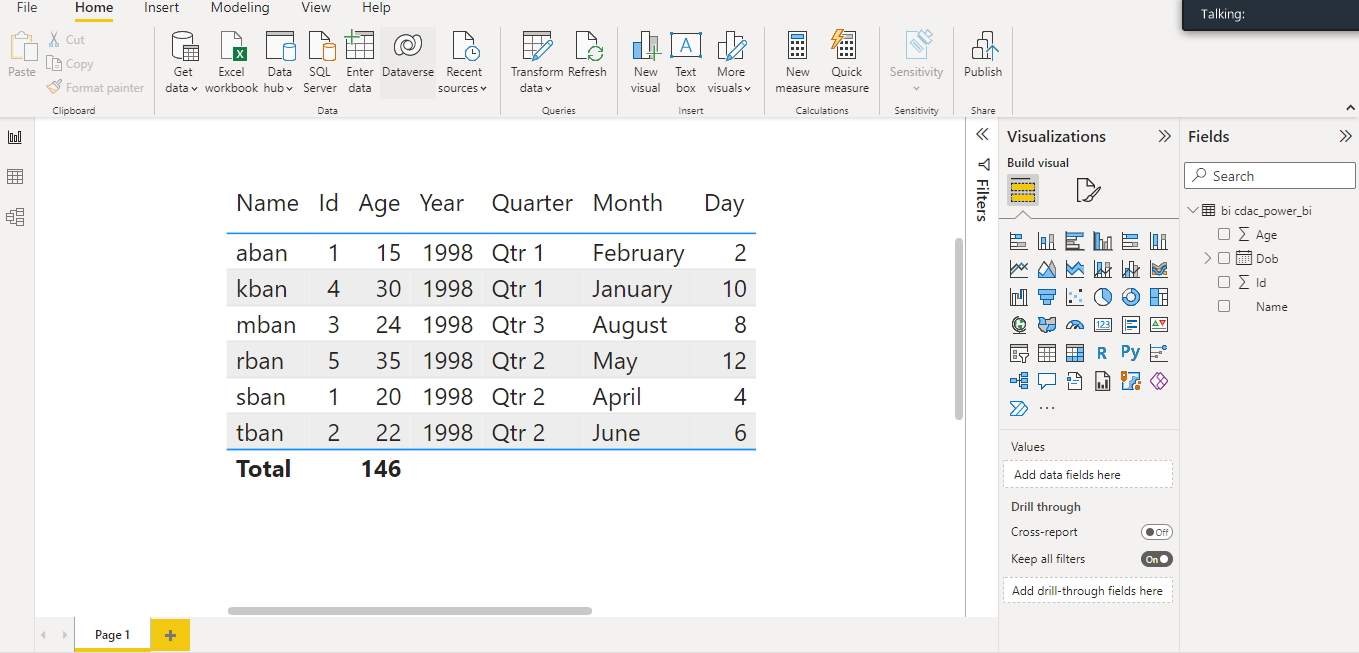
("sban",1, 20,"1998-04-04"),

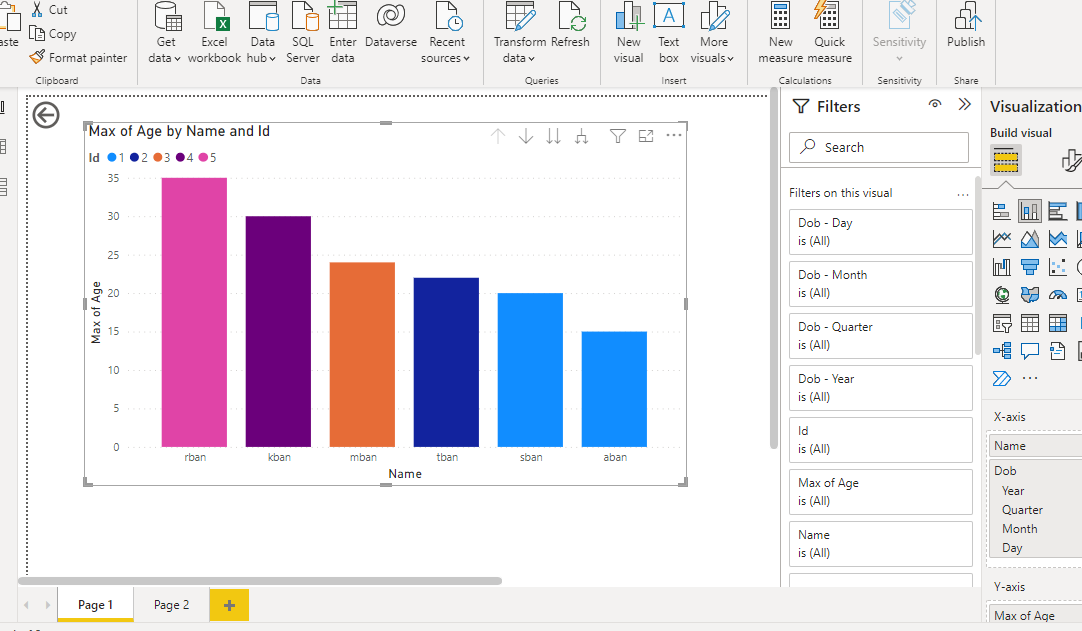
("tban",2, 22,"1998-06-06"),

("mban",3, 24,"1998-08-08"),

("kban",4, 30,"1998-01-10"),

("rban",5, 35,"1998-05-12");





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

