***DATA VISUALIZATION***

**Q1.** Create a sample table in postgres/mysql with following columns.

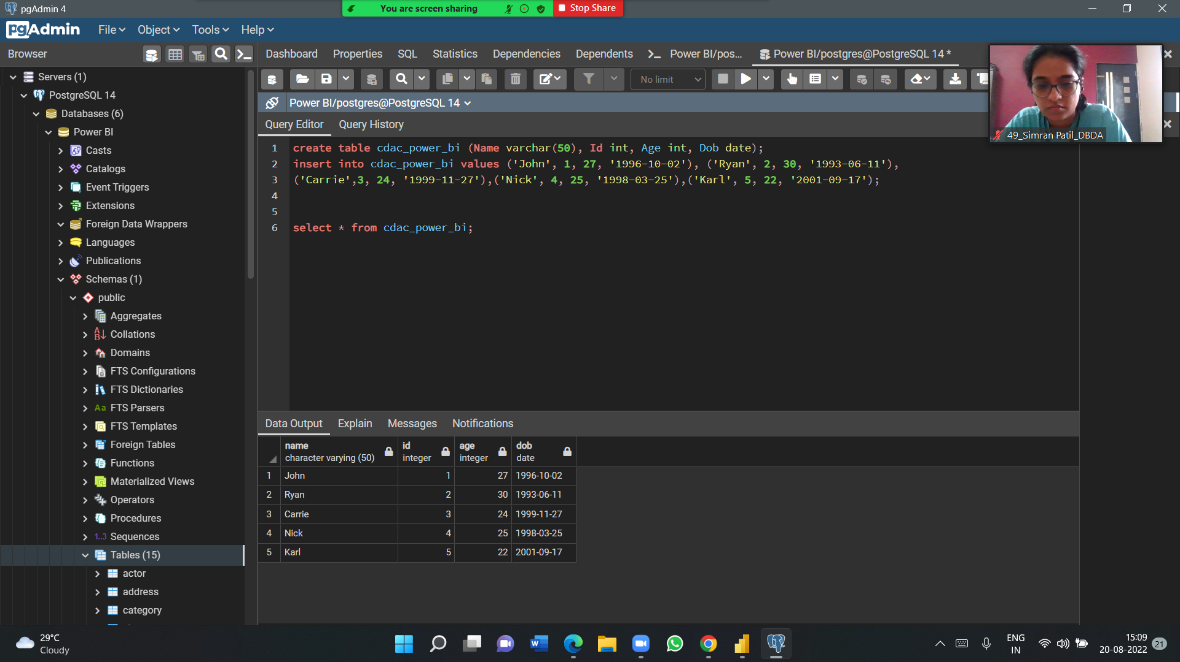
Table Name : cdac\_power\_bi

Column Name – varchar

Id- integer

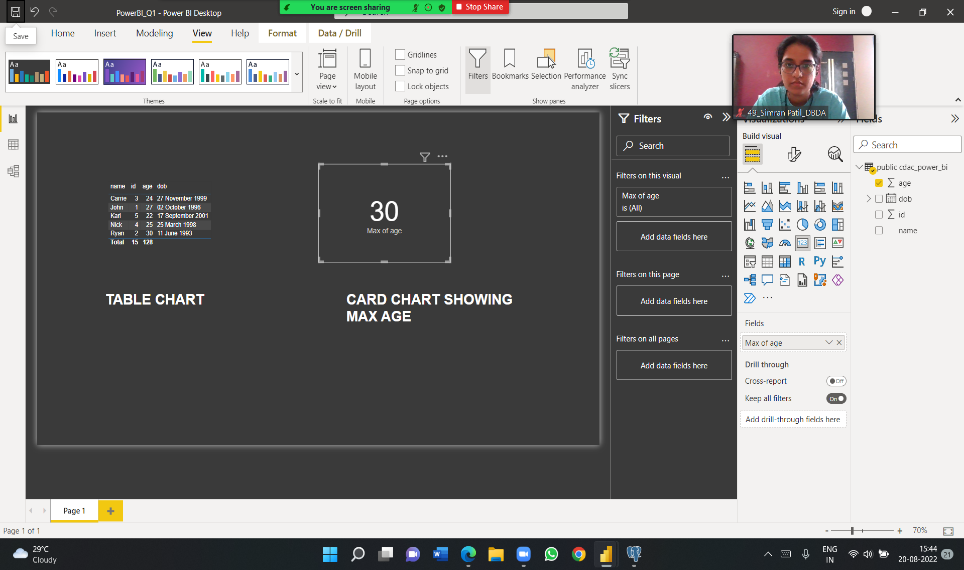
Age- integer

Dob – date

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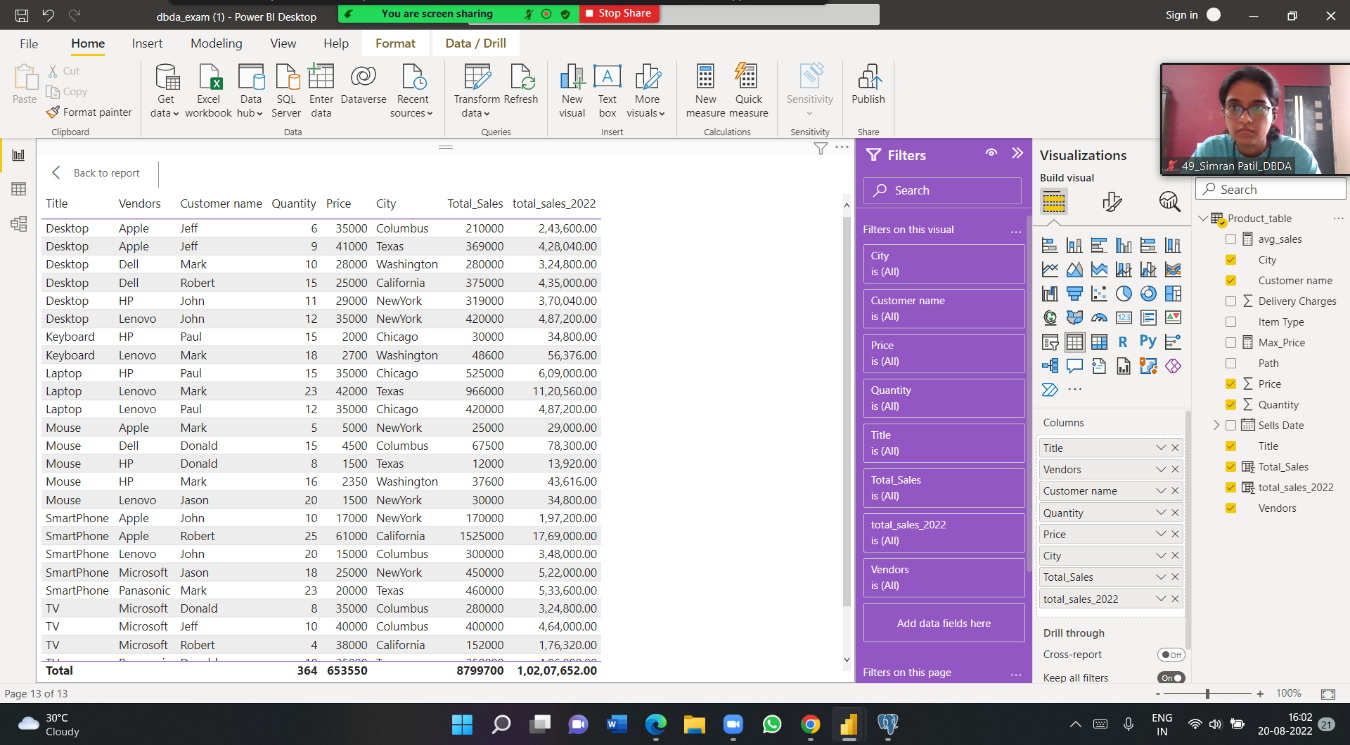
Insert 5 dummy rows into it and then connect to superset and populate

1. Table Chart 2. Card chart showing max age

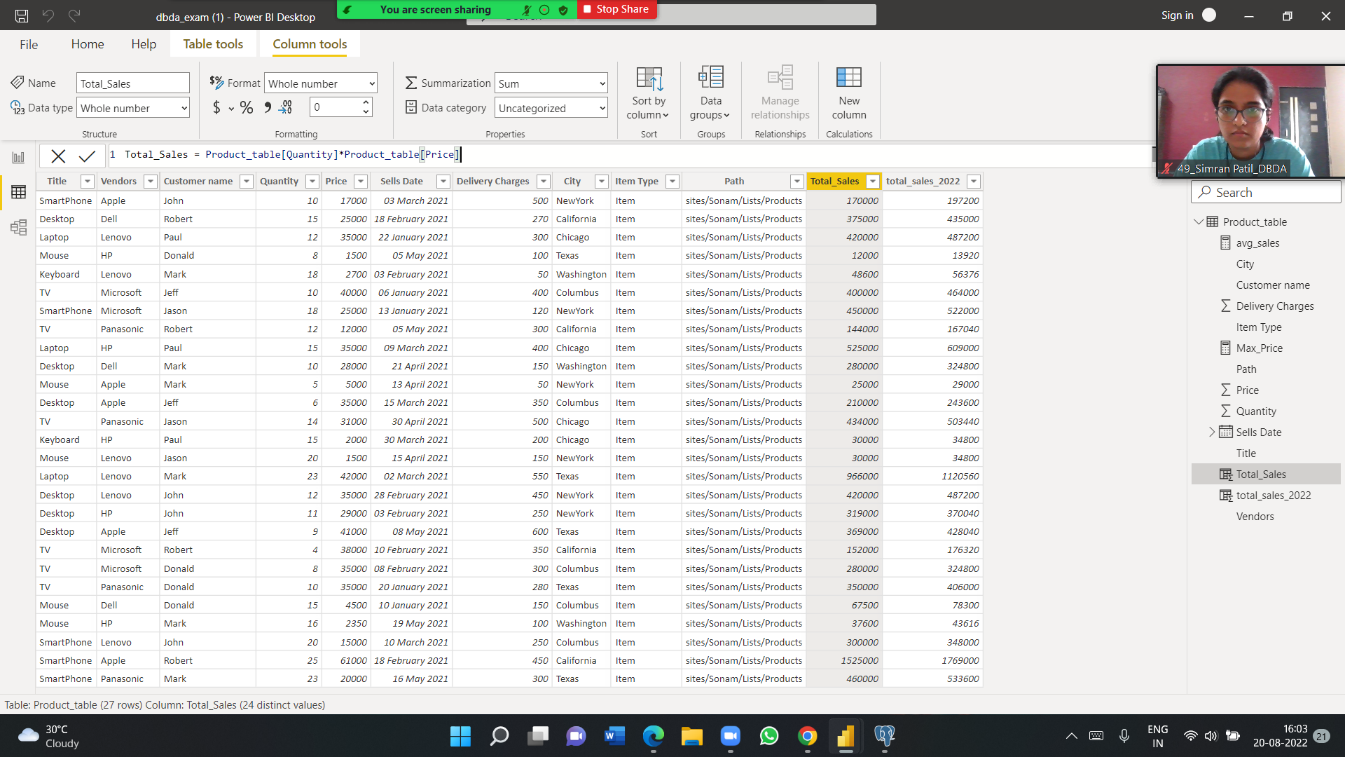
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**Q2**. On product\_table data set do the following

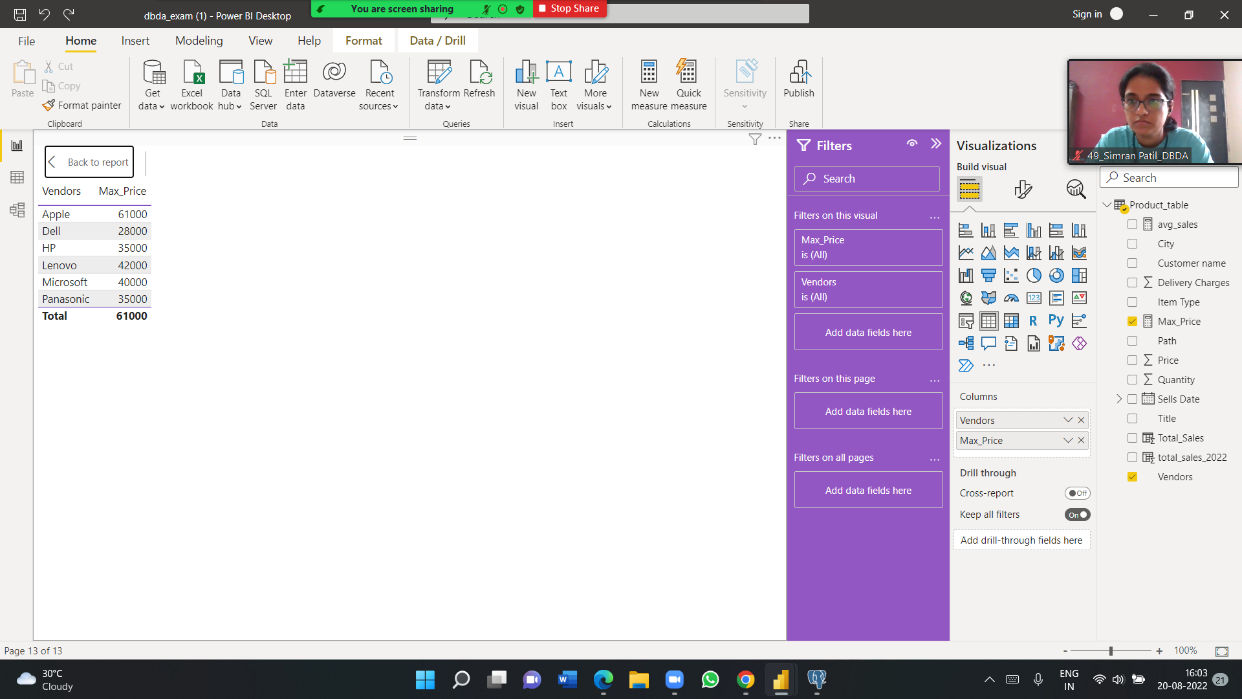
● Create table chart with title , vendor,customer name,quantity,price,city.

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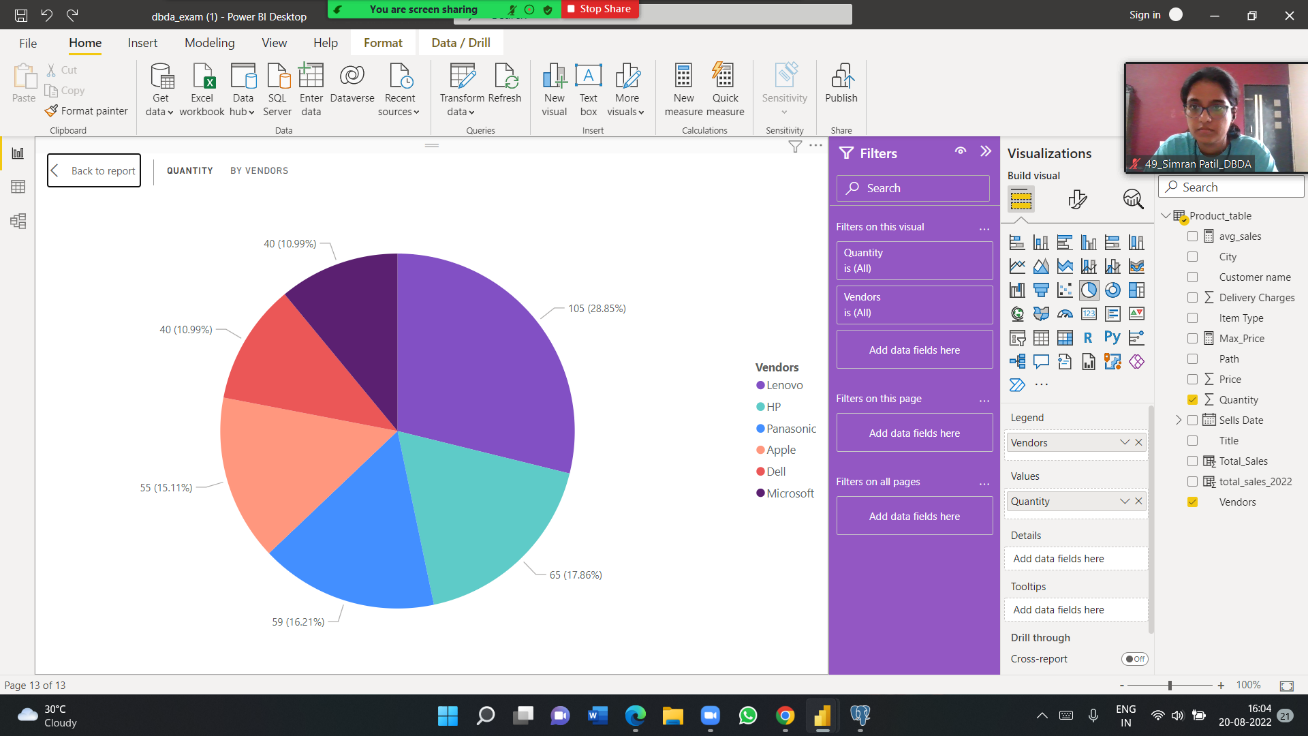
● Add new calculated column naming total\_sales which is derived from quantity \* price

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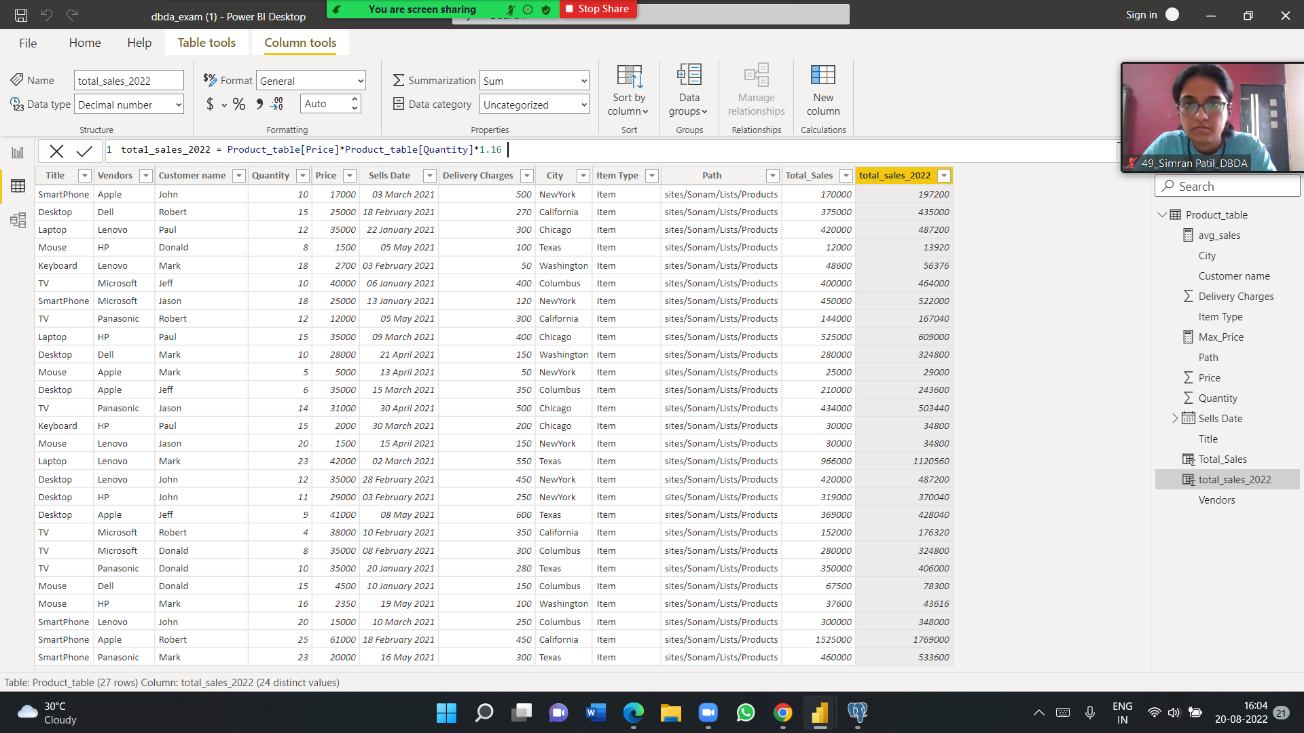
● Add new measure naming max\_price to get max of price column and then display every vendor max price in table chart

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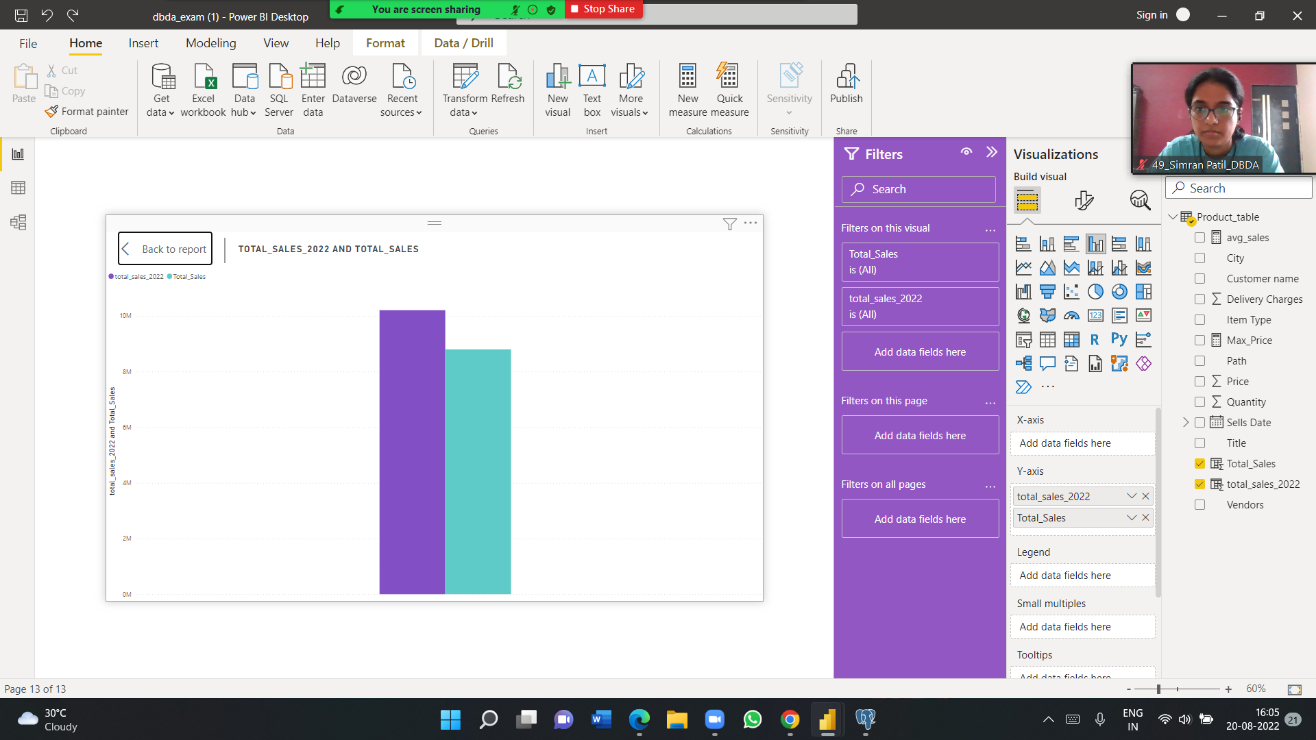
* Create pie chart showing the value and percentage of quantity by vendors

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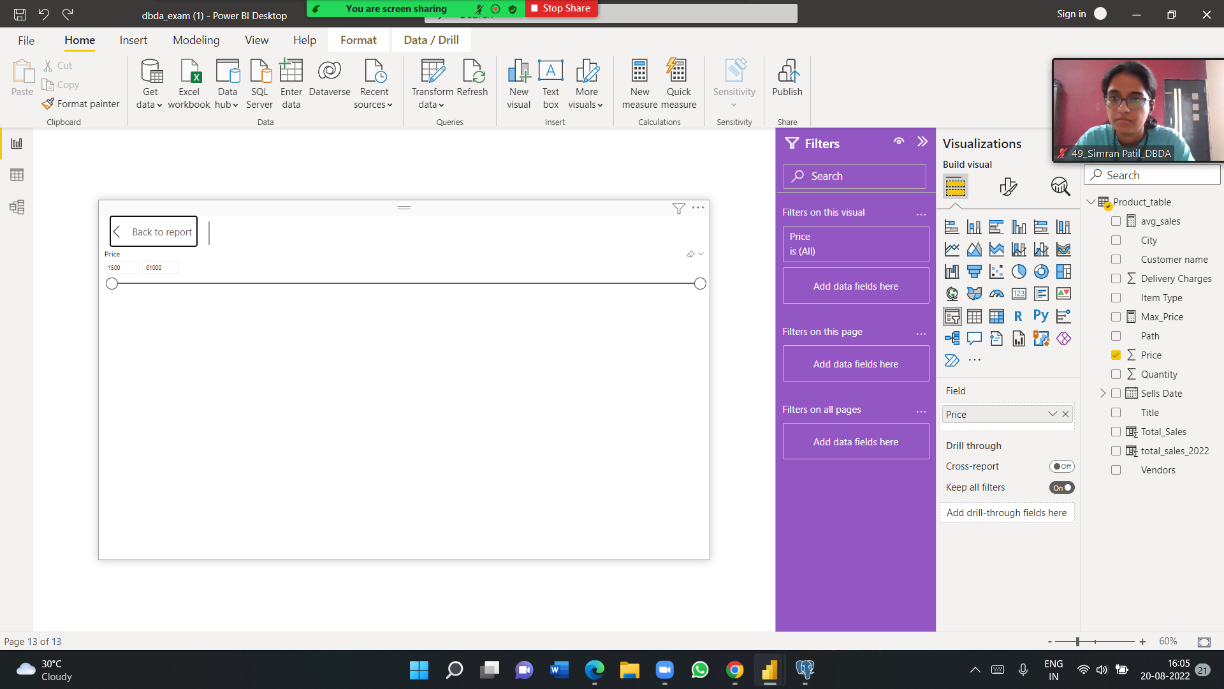
● Create one more column naming total\_sales\_2022 which is derived from quantity \* price \* 1.16

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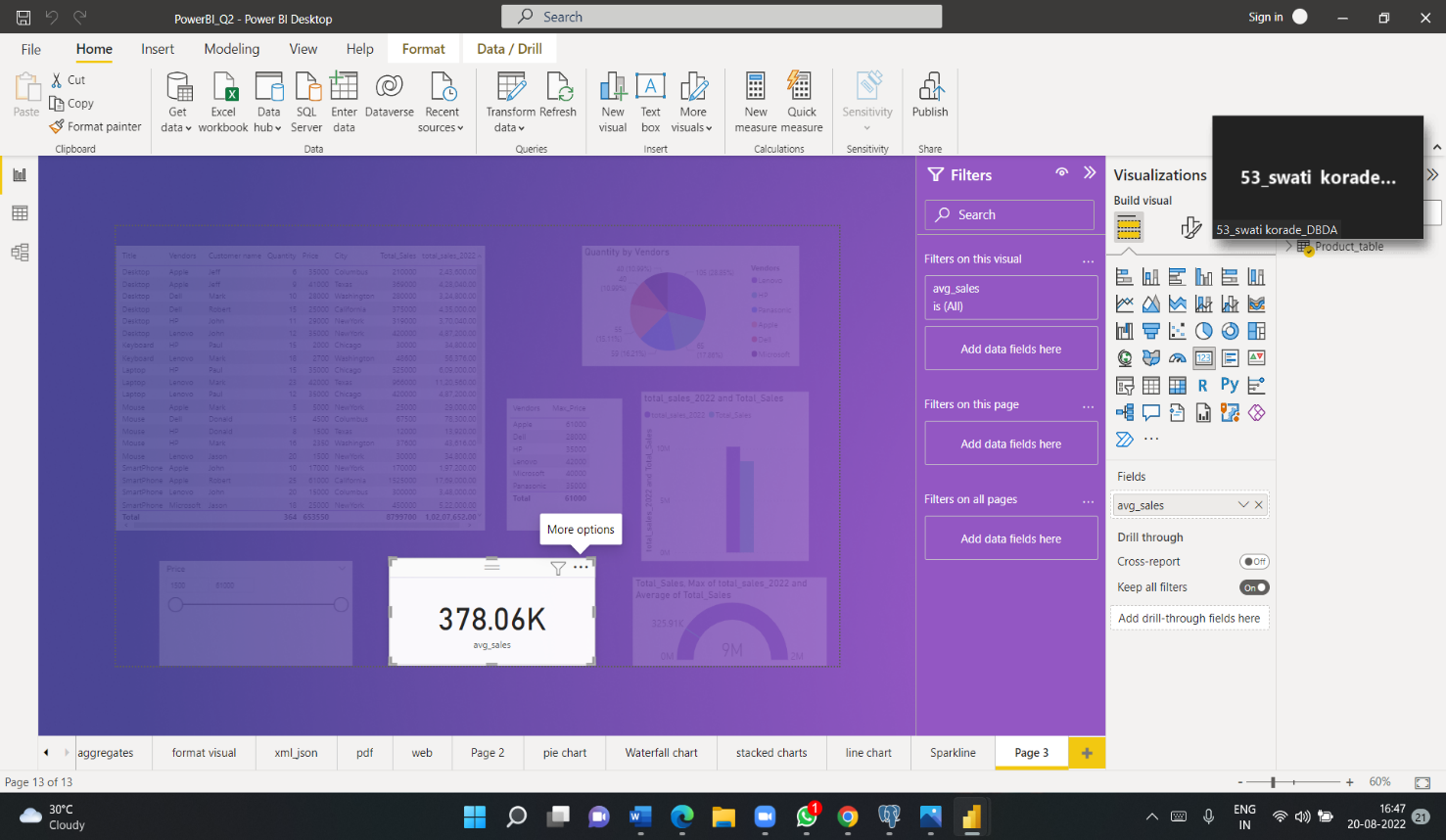
● Create clustered column chart showing both total\_sales and total\_sales\_2022

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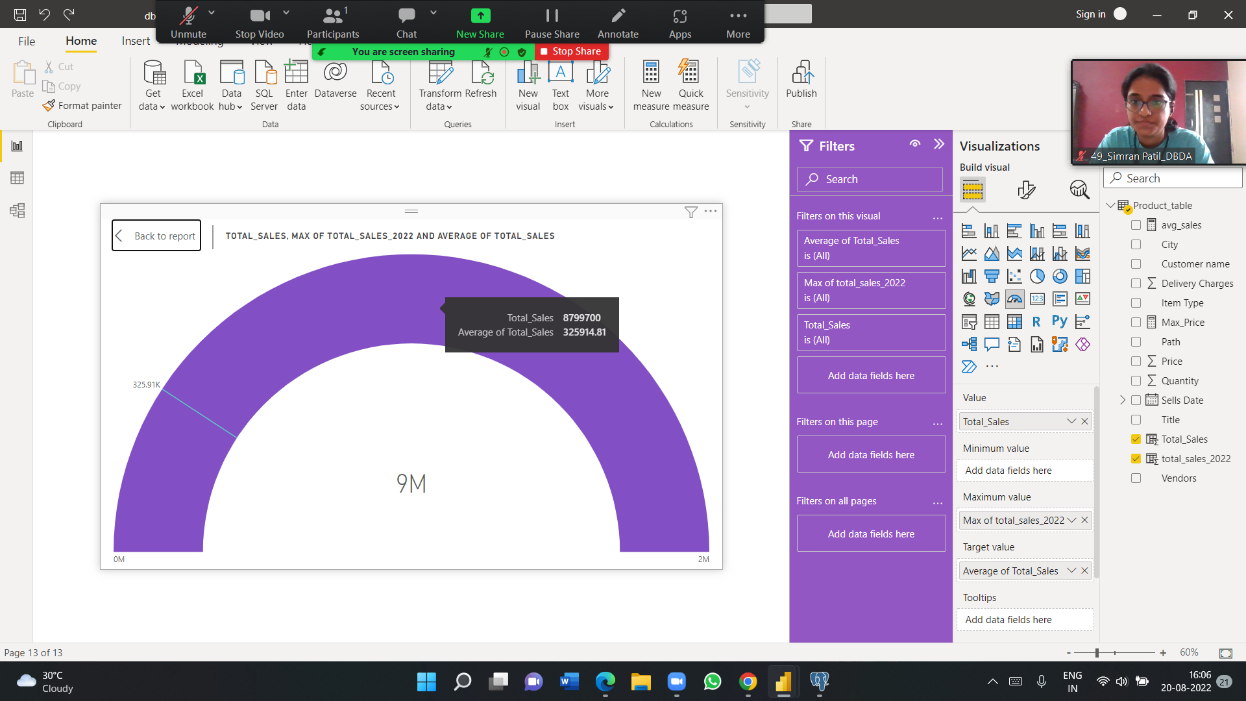
● Create a slicer chart of price

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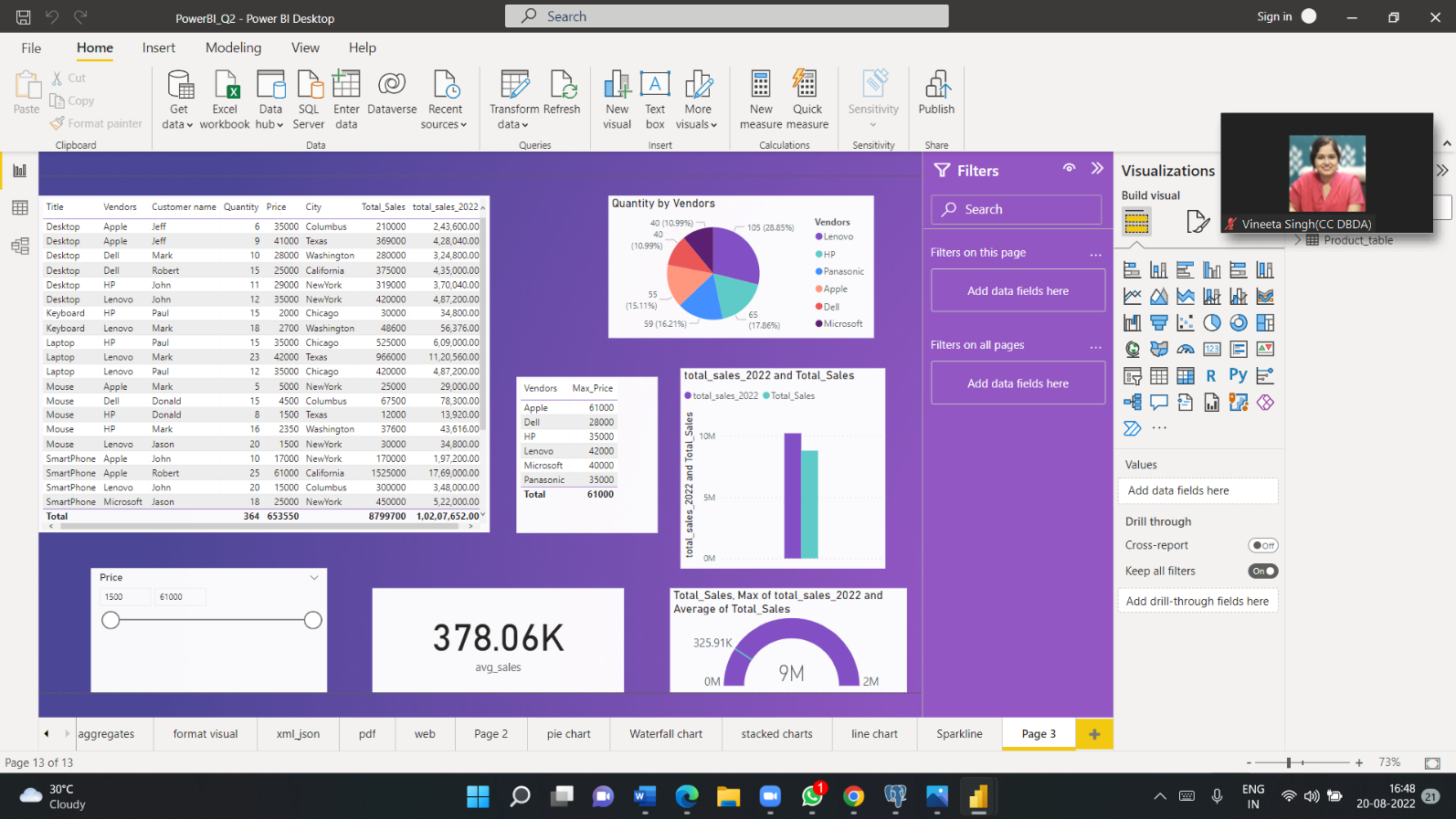
● Calculate avg sales and show in tile

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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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***OVERALL VISUALIZATION***

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