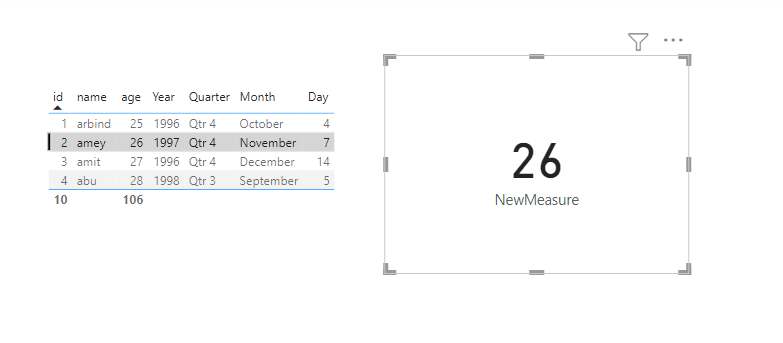
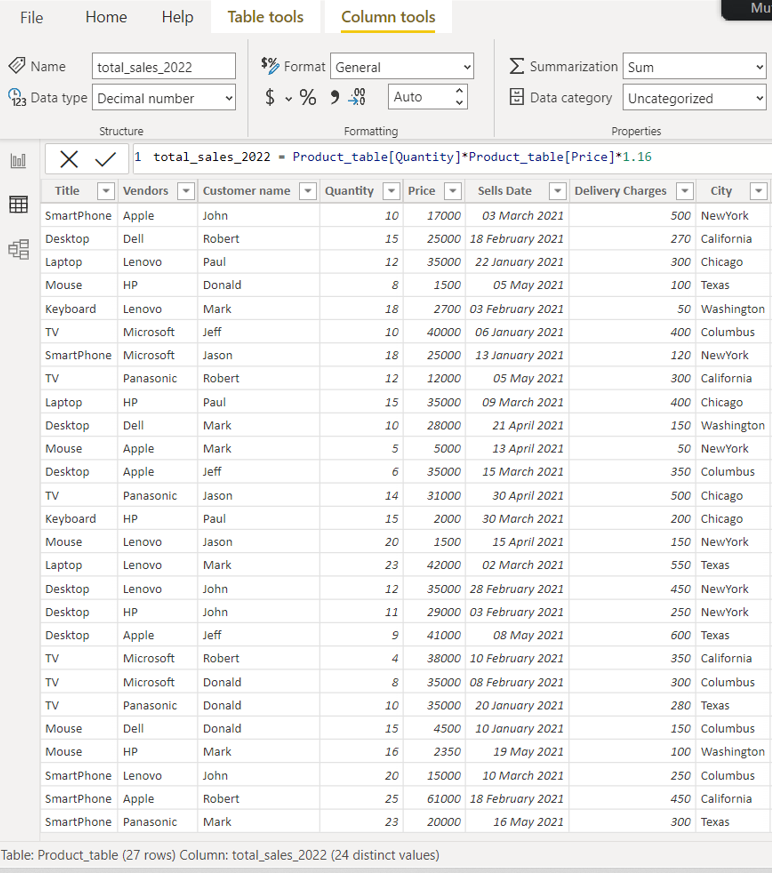
**DATA VISUALIZATION EXAM**

**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**

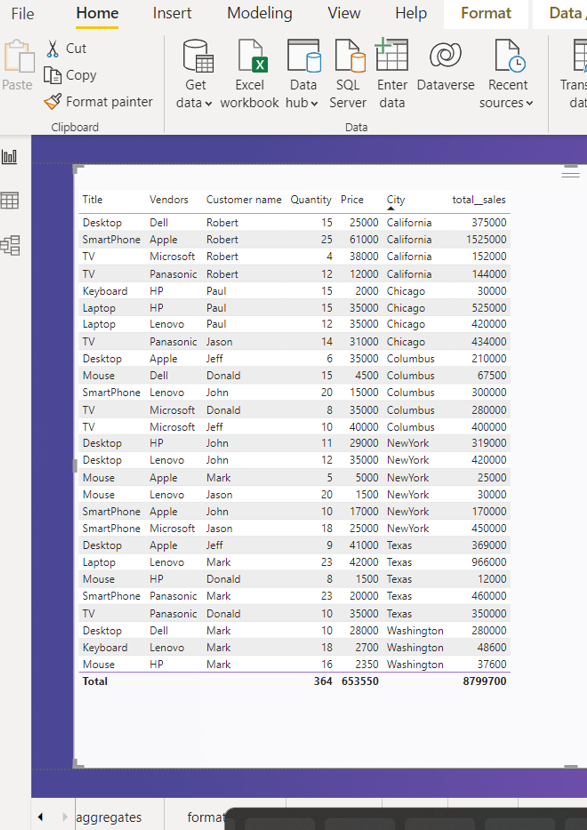
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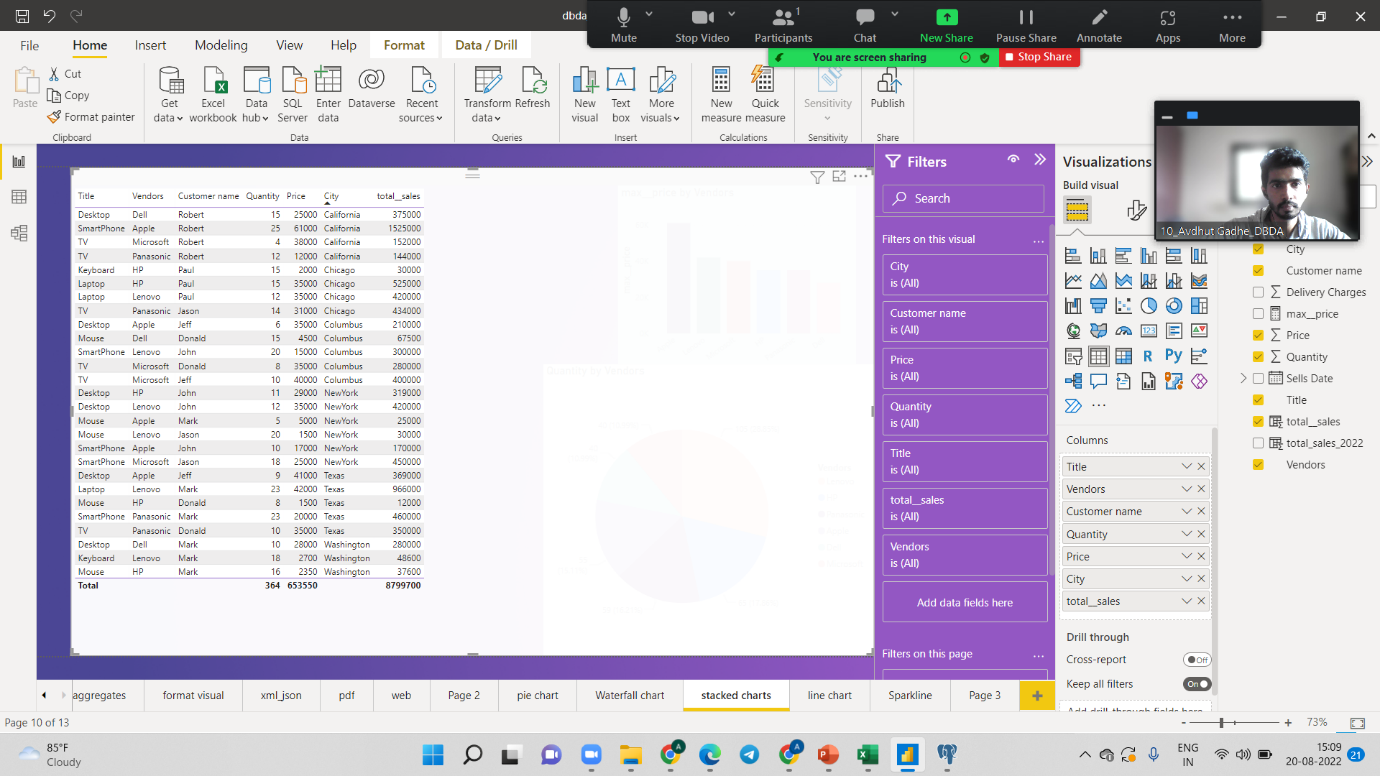
**Q2.On product\_table data set do the following (25 Marks)**

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

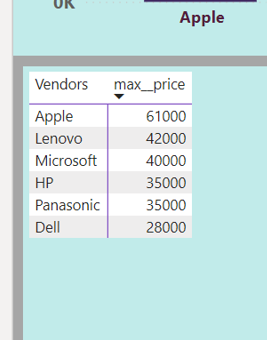
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**● Add new calculated column naming total\_sales which is derived from quantity \* price**

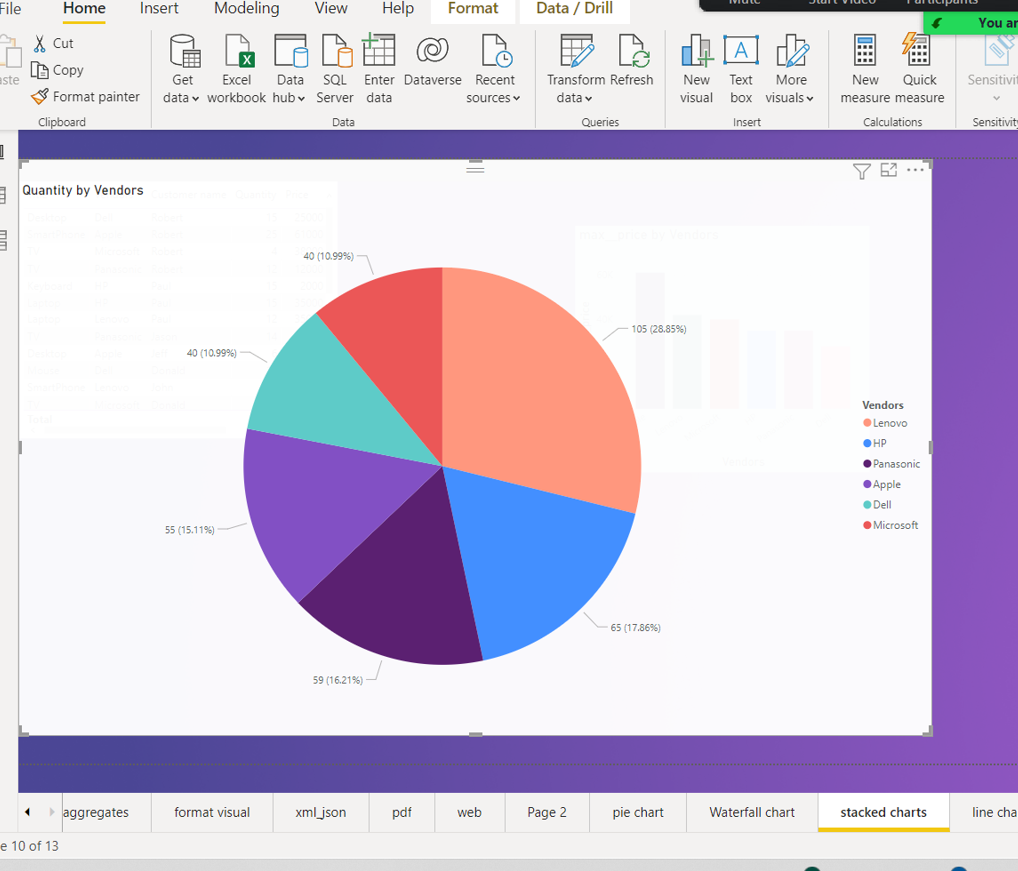
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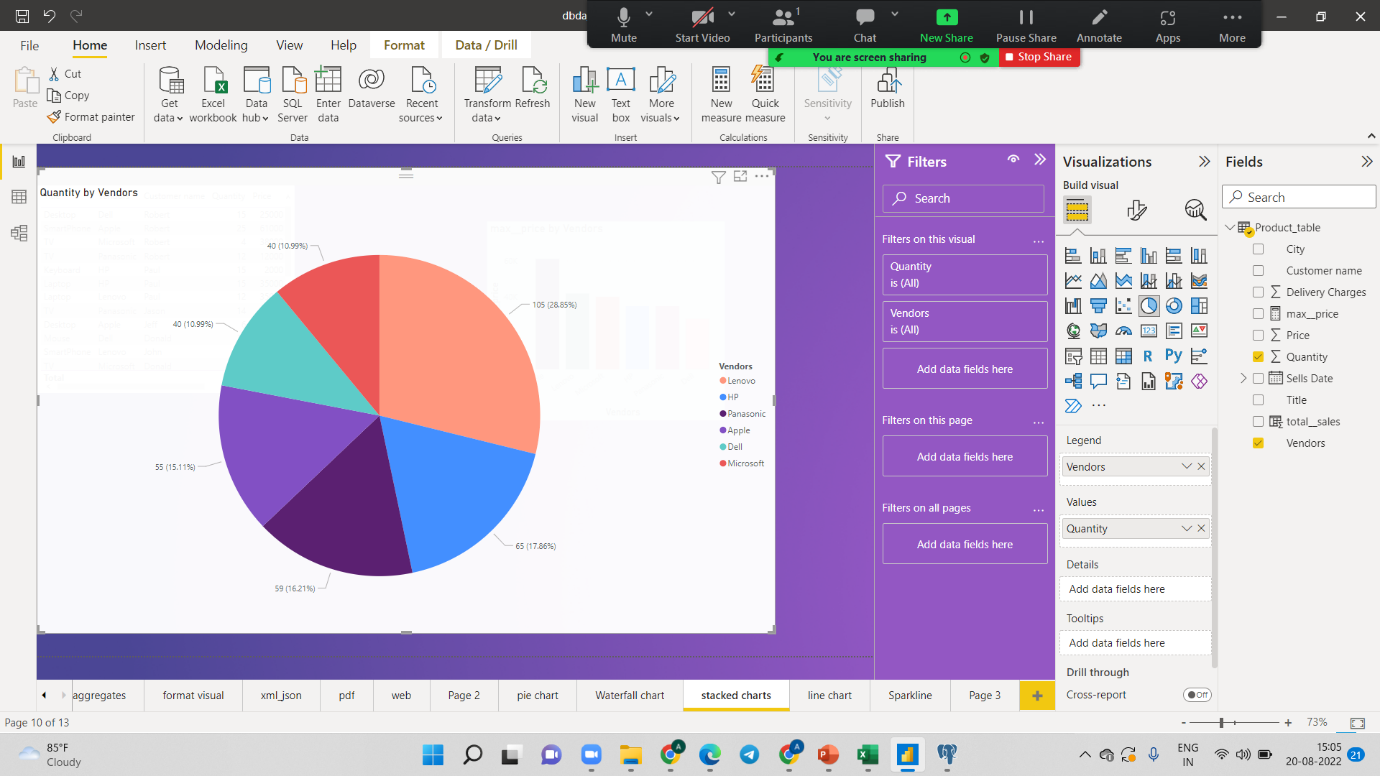
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**● Add new measure naming max\_price to get max of price column and then display every vendor max price in table chart**

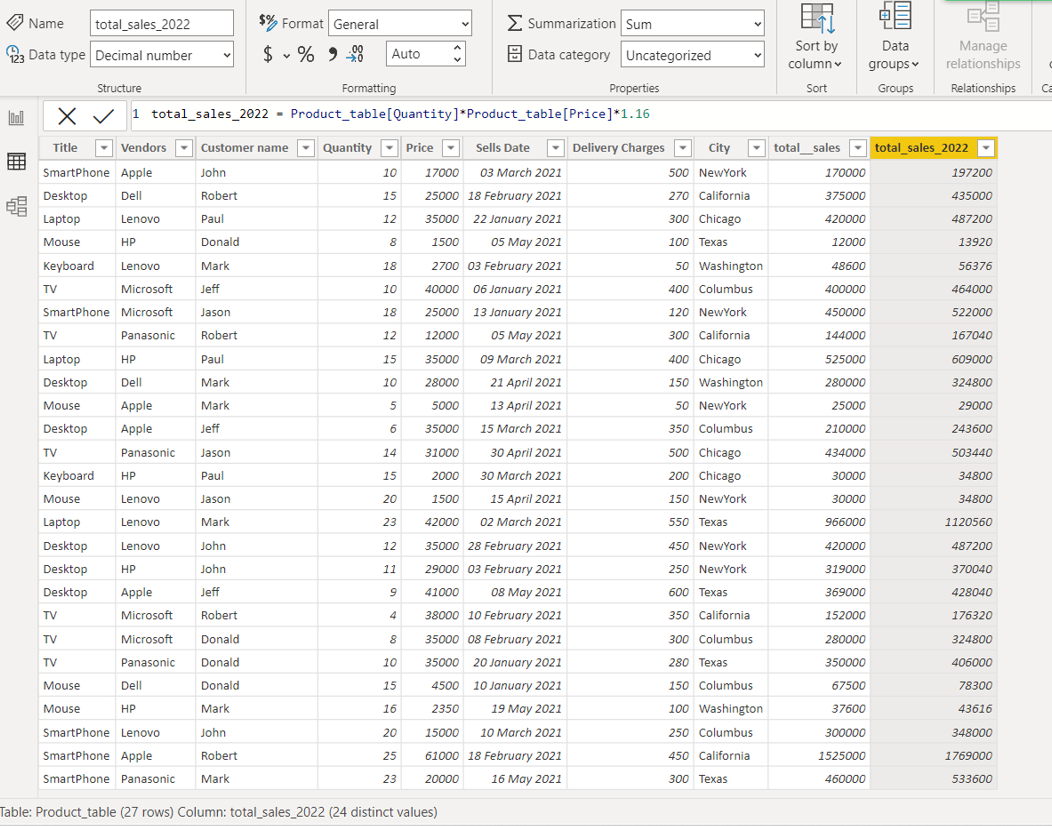
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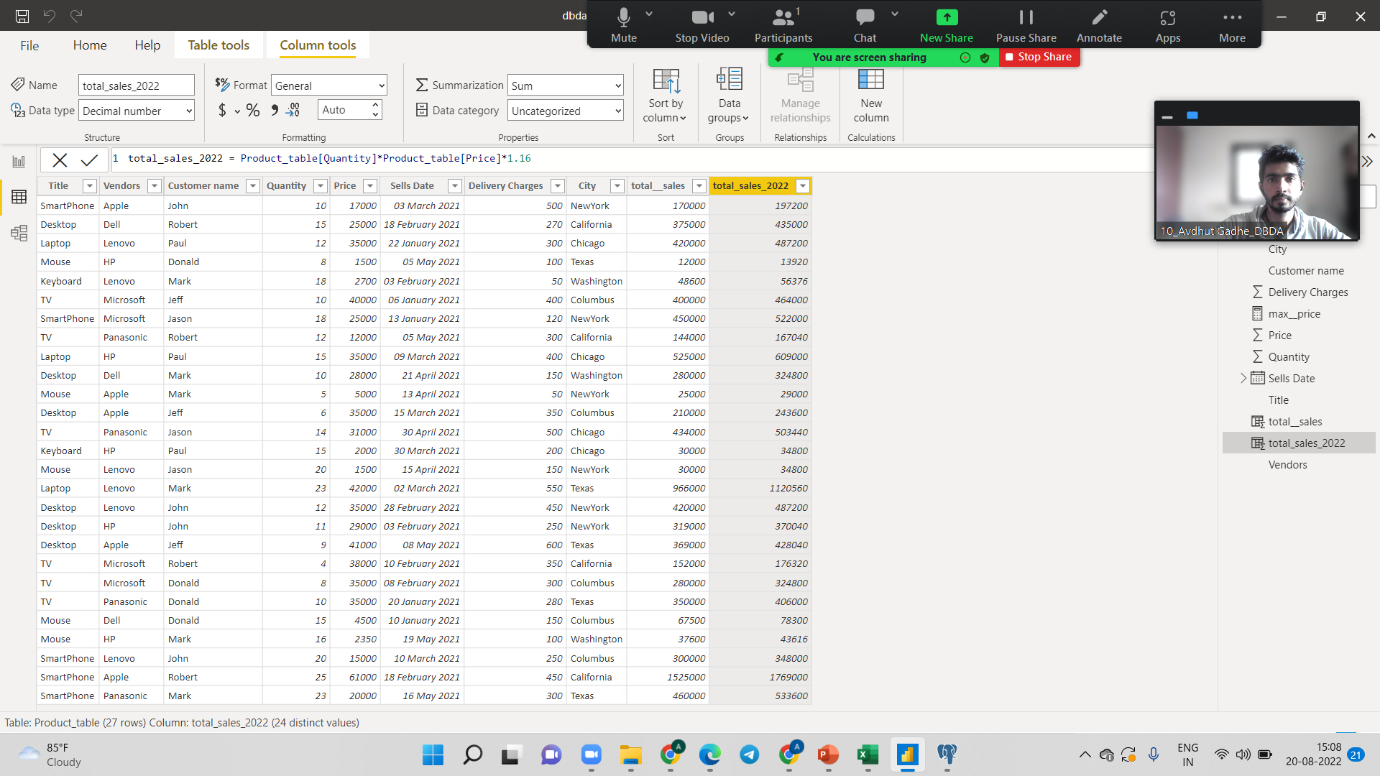
**● Create pie chart showing the value and percentage of quantity by vendors**

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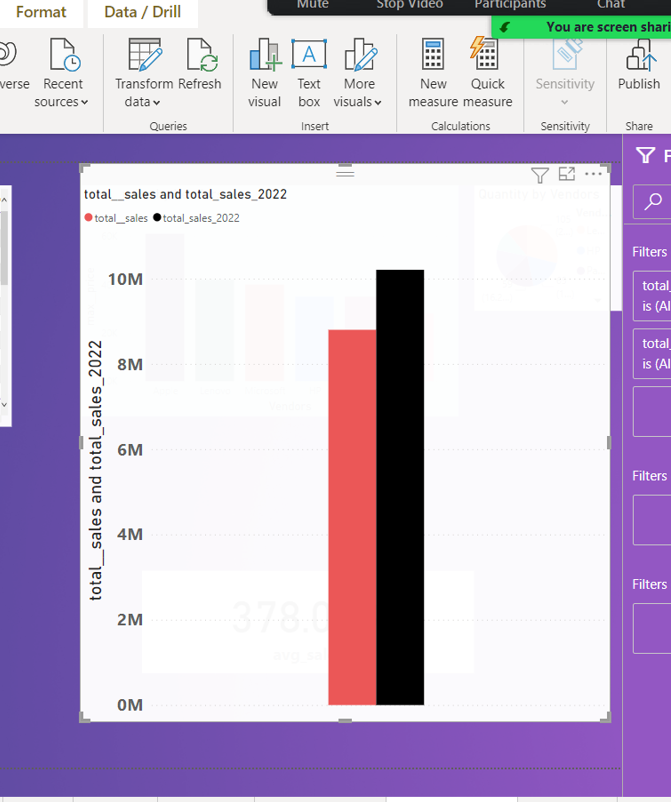
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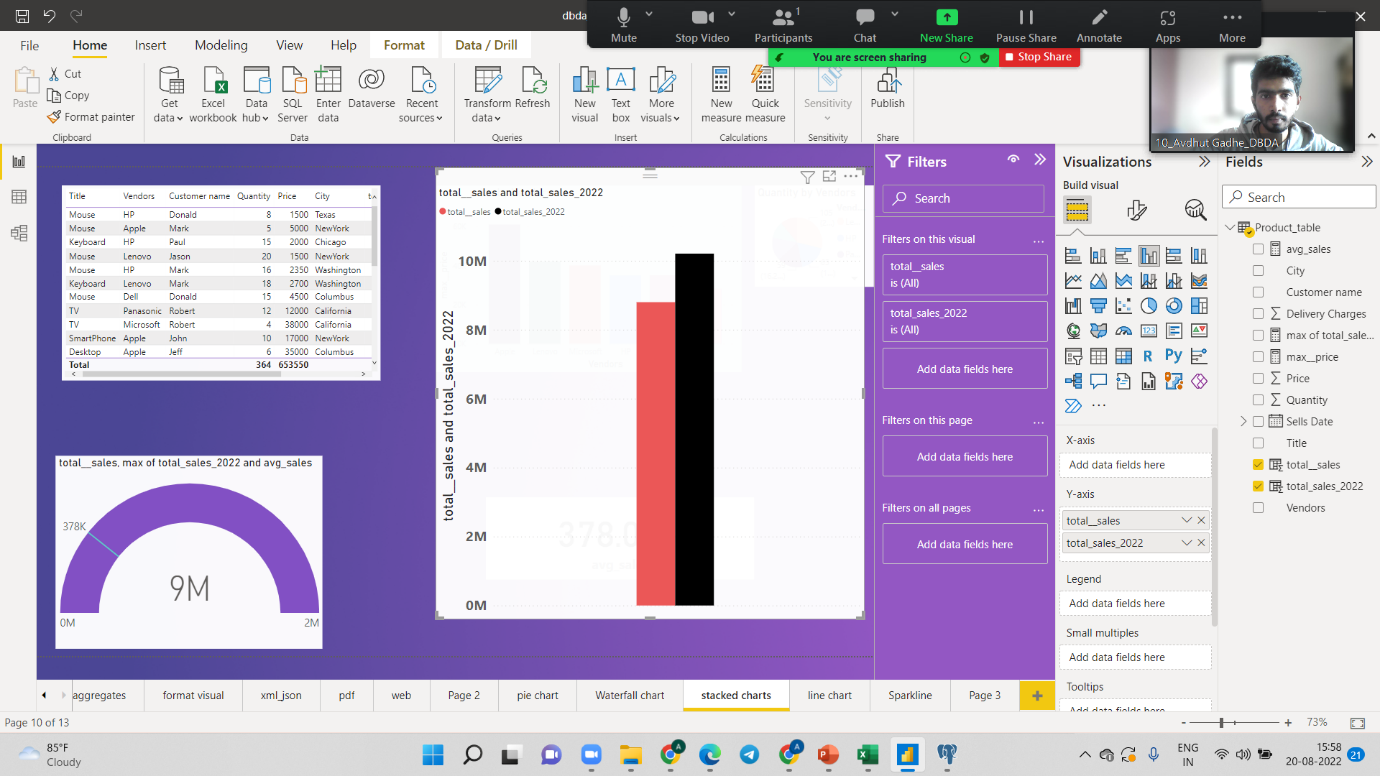
**● Create one more column naming total\_sales\_2022 which is derived from quantity \* price \* 1.16**

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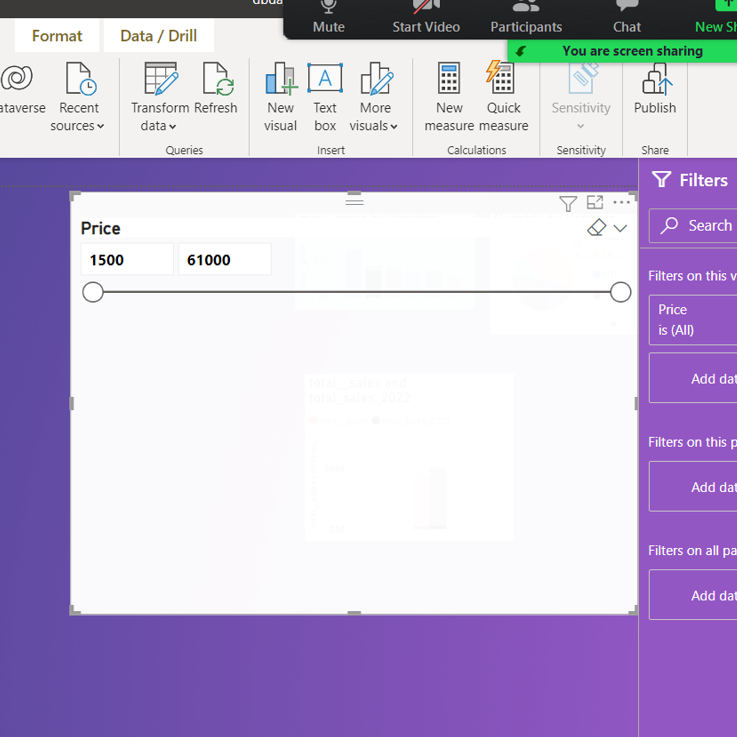
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**● Create clustered column chart showing both total\_sales and total\_sales\_2022**

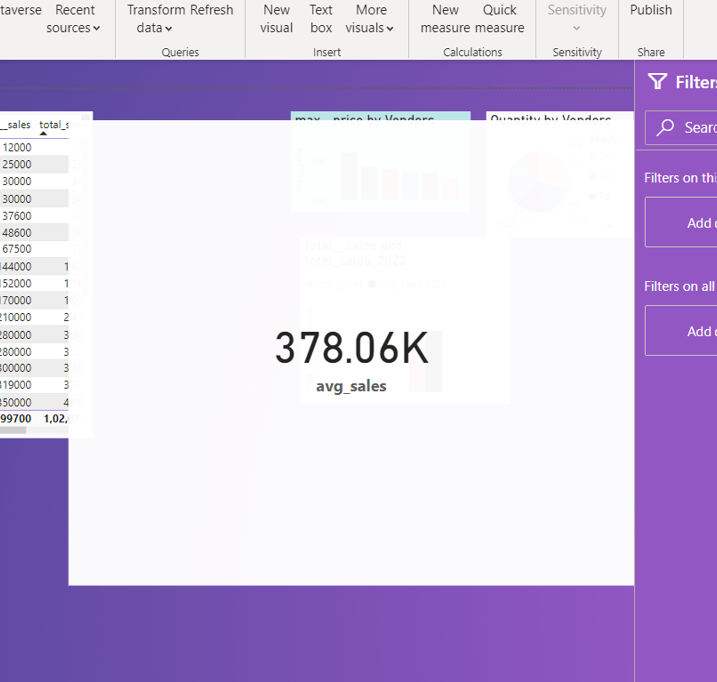
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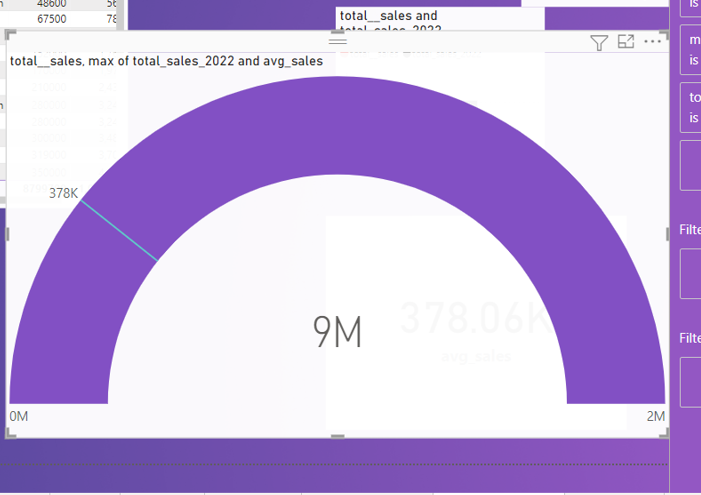
**● Create a slicer chart of price**

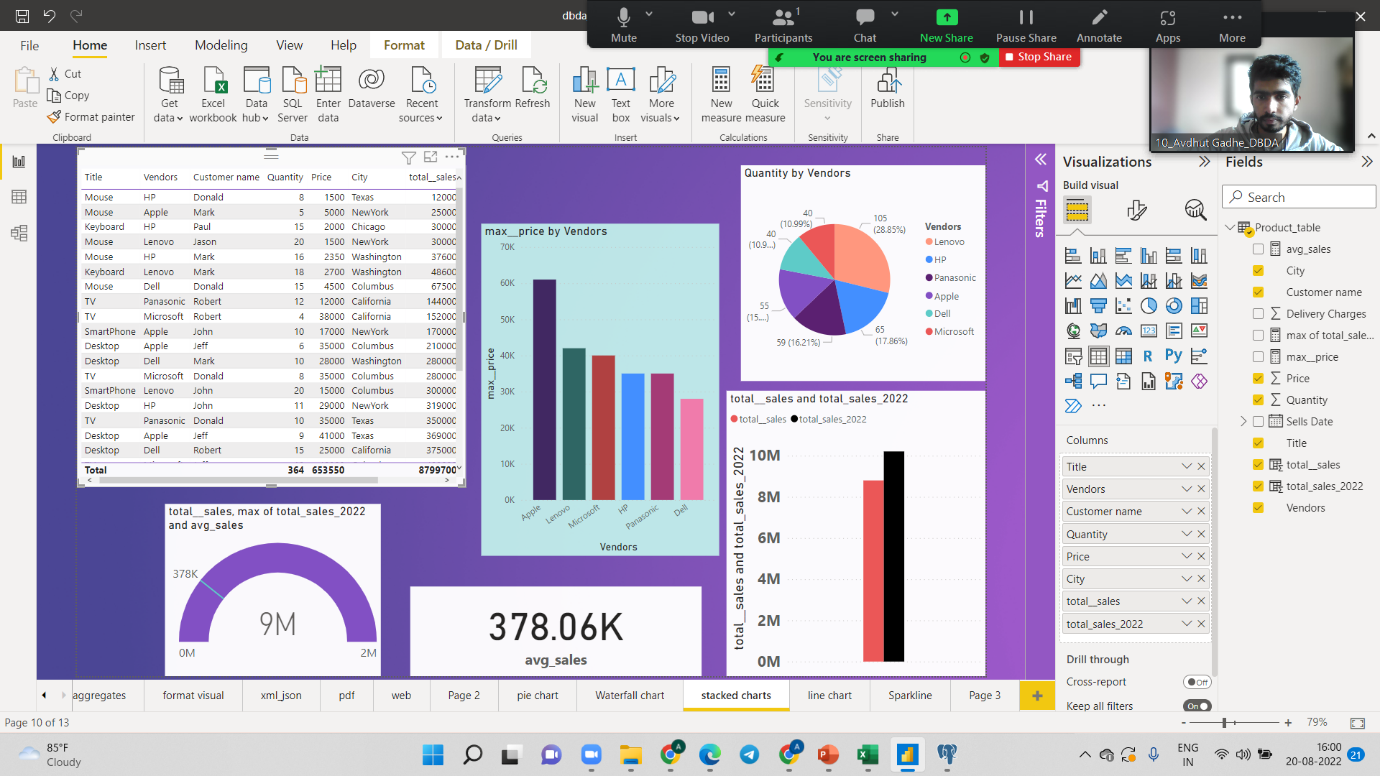
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**● Calculate avg sales and show in tile**

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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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