**Interactive Dashboard by Using Excel:   
 Objective:** TheVrinda store wants to create an annual sales report for 2022. So that, Vrinda can understand their customers and grow more sales in 2023.

**Some sample Questions:**1. Compare the sales and orders using a single chart   
2. Which month got the highest sales and orders?  
3. Who purchased more men or women in 2022?

4. what are the different order statuses In 2022?

5. List the top 10 states contributing to the sales.   
6. Relation b/w age and gender based on the number   
7. Which channel is contributing to maximum sales?   
8. Highest selling category? , etc.

Some Steps  
1-1st set size by selecting all and then clicking on the corner of the top cell   
2- Data Cleaning

* Check all columns by using filter (ctrl+shift+l) and then select columns one by one and check all data is the same
* If Found different data then by using a filter show only different data and then select that column and then replace the data
* Like in the Gender column we have checked the 4 types of data ( M, Men, W, Women) Now in select 1st M in the filter and then select the whole column then replace by clicking on ctrl+f and then the same way change W into women
* Same in Qty column some data are written as in English (one, two) and some data in number (1,2)

3- Data Processing

* Insert a new column for finding the age group as asked in the question and then put a formula by using 1st age by formula write in cell and then click after changing one cell for changing all formula is =IF(E2>=50,”Senior”, IF(E2>=30,”Adult”,”Teenager”))
* And then select the whole column and then copy (ctrl+c) and then paste it as value because not load on our computer
* Now for finding the month as asked in the question so insert a new column b/w date and status and then use this formula (=TEXT(G2,”mmmm”) and then double click for change all and then copy and paste all due to not load our computer

4- Data Analysis:

* Now for data analysis we need 1st pivat table: so go into insert tab and then click on pivat table then click on ok then you will be gone to new sheet
* And then you will be see values on right side on new sheet

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Final report after data   
1. Women are more likely to buy compared to men (~65%)

2. Maharashtra, Karnataka and uttar Pardesh are the top 3 slates (~35%)

3. Adult age group (30 -49 yrs ) is max contributing (~50%)

4. Amazon, Flipkart and Myntra channels are max contributing (~80%)

**Final conclusion to improve:**Target Women customers of age group (30-49 yrs ) live in Maharashtra, Karantaka and utter pardesh by showing ads/ offers/ coupons available on Amazon, Flipkart and Myntra