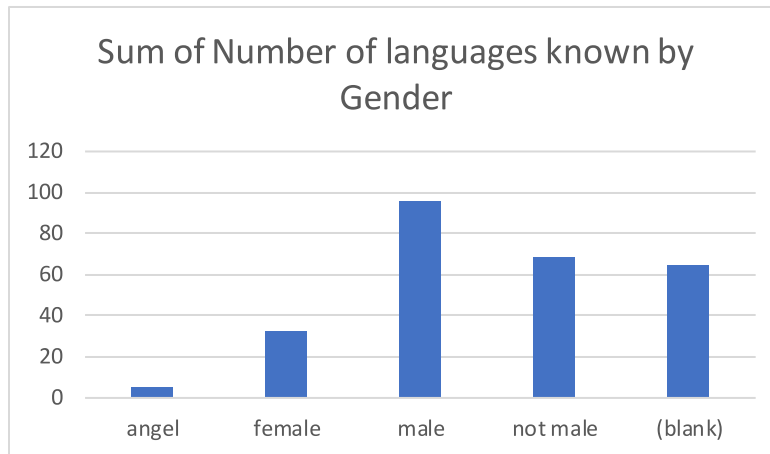
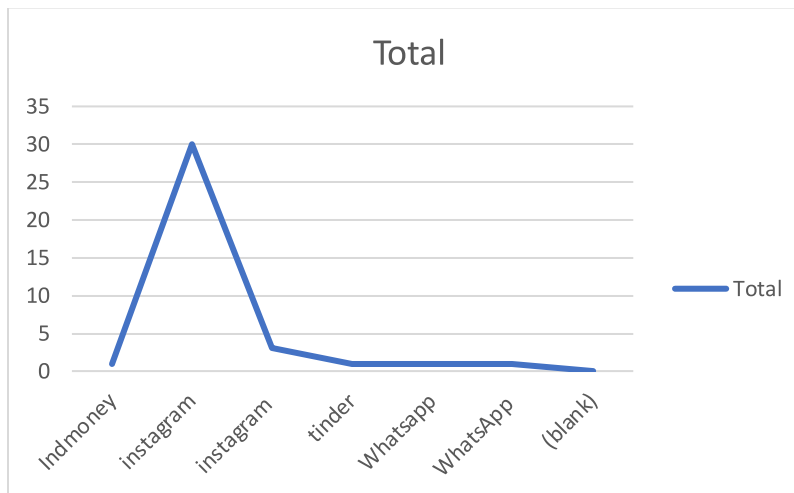


## ASSIGNMENT (DATA ANALYTICS)



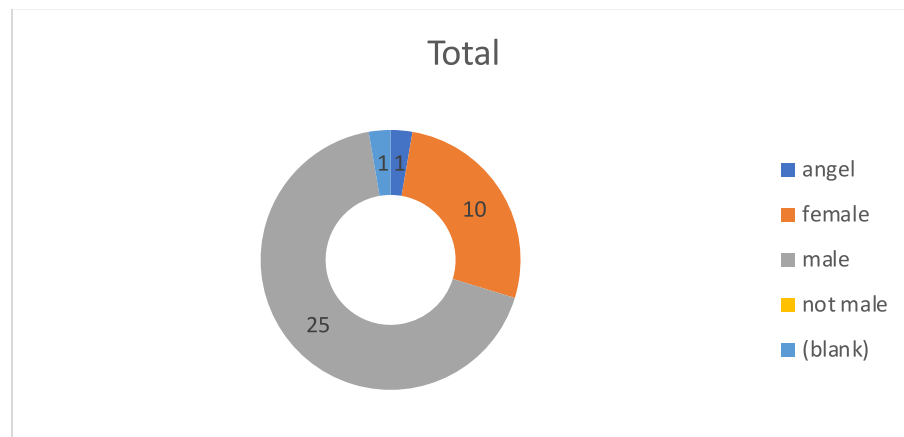
1. Select the dataset to include in the bar chart.
2. Go to **Insert** → **Bar or Column Chart**.
3. Choose a chart type (Clustered Bar, Stacked Bar, etc.).
4. The bar chart appears on the sheet.
5. Add chart elements (titles, data labels, axes).
6. Change colors or bar width using **Format**.

**Create a line graph interpreting the data and mention the steps one by one**



1. • Open the Excel file containing your data.
2. • Select the data range you want to plot (including headers).
3. • Go to the **Insert** tab on the Ribbon.
4. • In the Charts group, click **Line Chart** → choose a style (e.g., Line with Markers).
5. • A line graph appears on the sheet.

**Create a pie chart and interpret the result and mention stepwise procedure.**



1. Select the column containing categories and the corresponding values.
2. Go to **Insert** → **Pie Chart**.
3. Choose a chart type (2-D Pie, 3-D Pie, Doughnut).
4. Add chart elements using the “+” symbol:
  - a) **Data Labels** (Percentage, Category Name).
  - b) **Legends**

**Mention three Excel formulas and method of applying it, paste the formula along with both input and output**

SUM OF TOTAL SALARY EARNED PER MONTH	1530388552
AVERAGE NUMBER OF LANGUAGES KNOWN	5
MAXIMUM AMOUNT OF SALARY EARNED PER MONTH	1000000000

**Apply statistics to any of the columns and interpret the findings.**

MEDIAN OF NUMBER OF LANGUAGES KNOWN	4
AVERAGE OF SALARY EARNED PER MONTH	49367372.65
STANDARD DEVIATION OF CAFFEINE INTAKE	1.999755844

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AVERAGE OF SALARY EARNED PER MONTH	49367372.65
STANDARD DEVIATION OF CAFFEINE INTAKE	1.999755844

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