Hiring Process Analytics

1. Determine the gender distribution of hires. How many males and females have been hired by the company?
   Number of male : =COUNTIFS(D:D,"Male",C:C,"hired") which was equal to 2563
   Number of female: =COUNTIFS(D:D,"Female",C:C,"hired") which was equal to 1856
   I added both to know the total number : =SUM(I17,J20)

   I used COUNTIFS as I could use a condition and further on added up the result with SUM function.

2. What is the average salary offered by this company? Use Excel functions to calculate this.
   Average salary in company : =AVERAGE(G:G) which was equal to 49983.03

   I used AVERAGE function to calculate average salary

3. Create class intervals for the salaries in the company. This will help you understand the salary distribution.

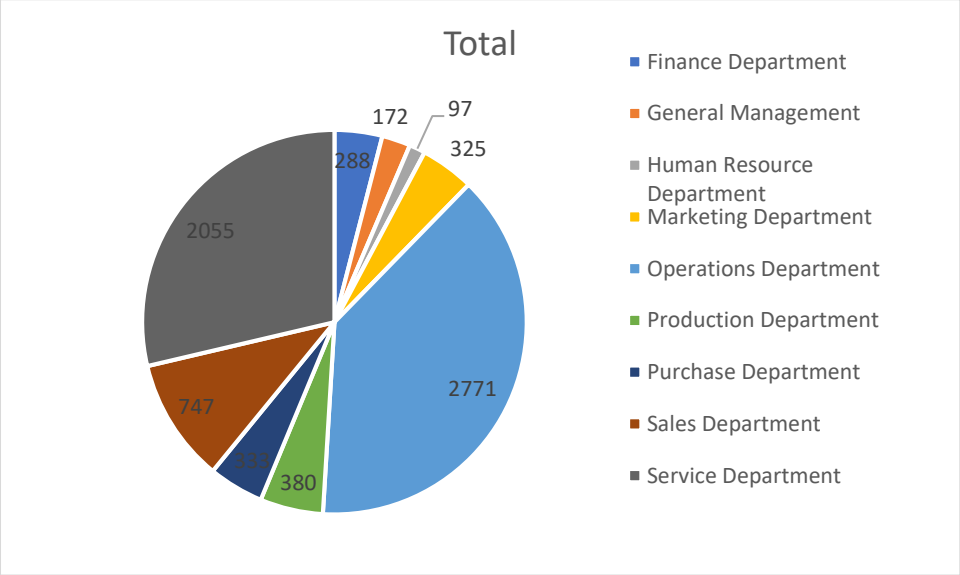
class interval	frequency
100	1
50000	3612
100000	7164
150000	7164
200000	7165
250000	7165
300000	7166
350000	7166
400000	7167

   - First I calculated the Maximum and minimum salary to calculate class intervals
   - Wrote the sequence of class interviews using sequence function
   - I used the frequence function to calculate frequencies
     =FREQUENCY(Table1[Offered Salary],M26:M34)
   - Then calculated and dragged it down to fill the table

4. Use a pie chart, bar graph, or any other suitable visualization to show the proportion of people working in different departments.
   - First converted the data into pivot table
   - Using filtering I created a table
   - Then using the data from the table I created a bar chart and plotted a bar graph
   - Then I edited all name like axis names , legend etc
   - I even changed its colour and resulted in the following graph

`

DEPARTMENT	COUNT
Finance Department	288
General Management	172
Human Resource Department	97
Marketing Department	325
Operations Department	2771
Production Department	380
Purchase Department	333
Sales Department	747
Service Department	2055



5. Use a chart or graph to represent the different position tiers within the company. This will help you understand the distribution of positions across different tiers.
    - First converted the data into pivot table
    - Using filtering I created a table
    - Then using the data from the table I created a bar chart and plotted a bar graph
    - Then I edited all name like axis names , legend etc
    - I even changed its colour and resulted in the following graph

`

POST	COUNT
n9	1
n6	1
n10	1
m7	1
m6	3
i7	982
i6	527
i5	787
i4	88
i1	222
c9	1792
c8	320
c5	1747
c-10	232
b9	463