



Project-4

HIRING PROCESS ANALYTICS

PROJECT DESCRIPTION:

The project aims is to analyse the hiring process of a company and provide a report about the analysis made out of the data provided. The analysis has been done using Excel and statistical techniques.

Analysis is done for the following :

- A. How many males and females are Hired ?
- B. What is the average salary offered in this company ?
- C. Draw the class intervals for salary in the company ?
- D. Draw Pie Chart / Bar Graph (or any other graph) to show proportion of people working different department ?
- E. Represent different post tiers using chart/graph.

Approach :

The datasets which contains tables has the information regarding various fields related to company hiring data. I have gone through the dataset closely and then executed various queries to extract the required data from the table and also made graphs, charts and tables out of the datasets.

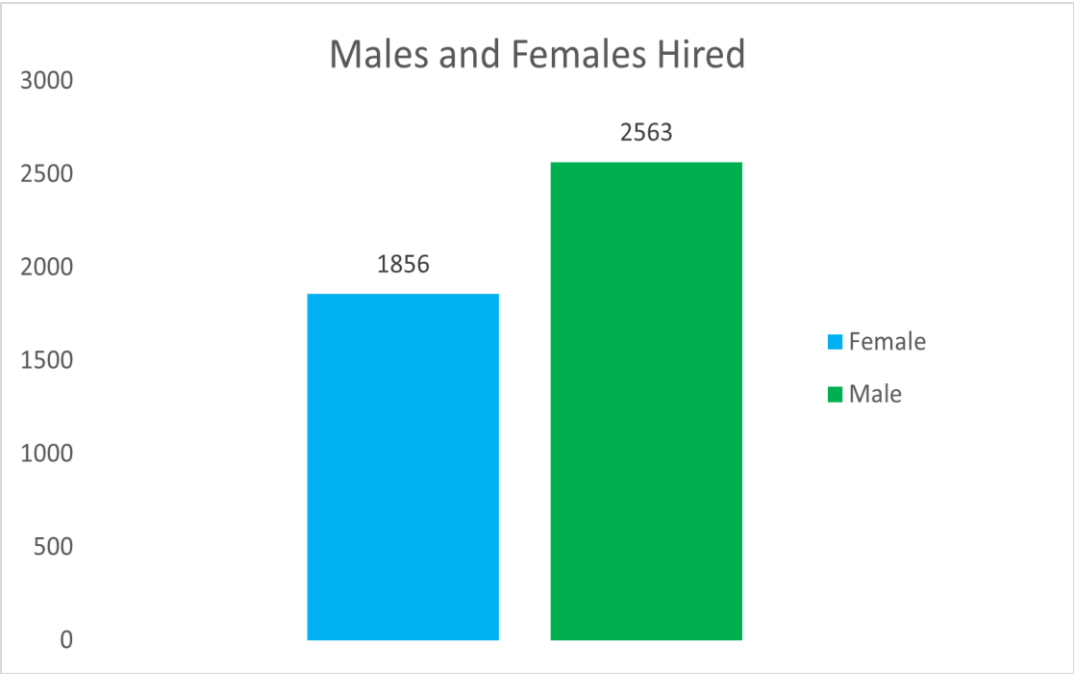
Tech Stack Used :

- PPT – To prepare a detailed report.
- EXCEL – Excel was used to perform entire analysis.

A. Hiring:

How many males and females are Hired ?

Status	Hired		
	Column Labels		
	Female	Male	Grand Total
Total no male and female hired	1856	2563	4419



B. Average Salary :

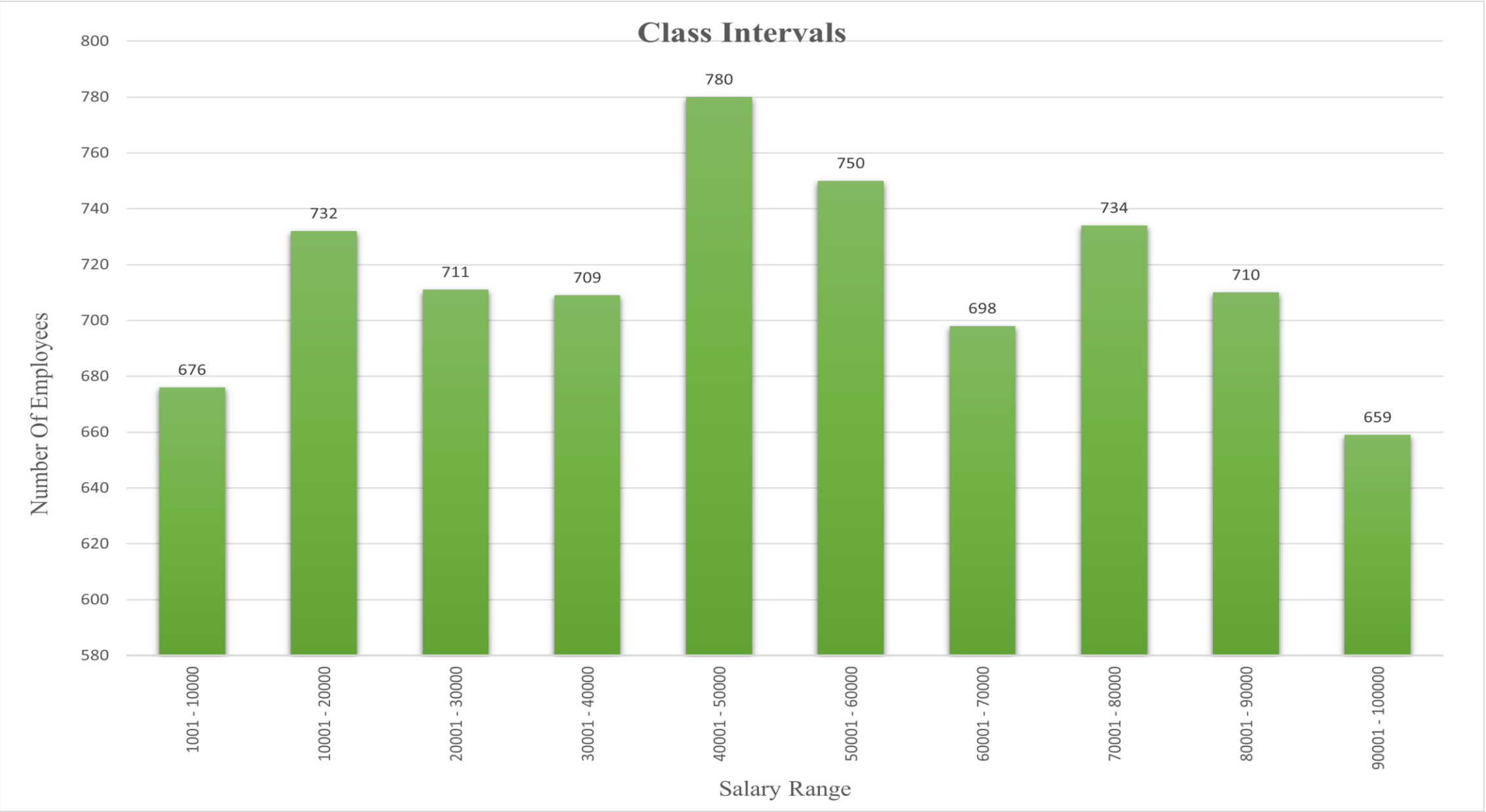
What is the average salary offered in this company ?

Offered Salary	(All) ▼	
Average of Offered Salary		
49983.03		

C. Class Intervals :

Draw the class intervals for salary in the company ?

Range	Frequency
1001 - 10000	676
10001 - 20000	732
20001 - 30000	711
30001 - 40000	709
40001 - 50000	780
50001 - 60000	750
60001 - 70000	698
70001 - 80000	734
80001 - 90000	710
90001 - 100000	659

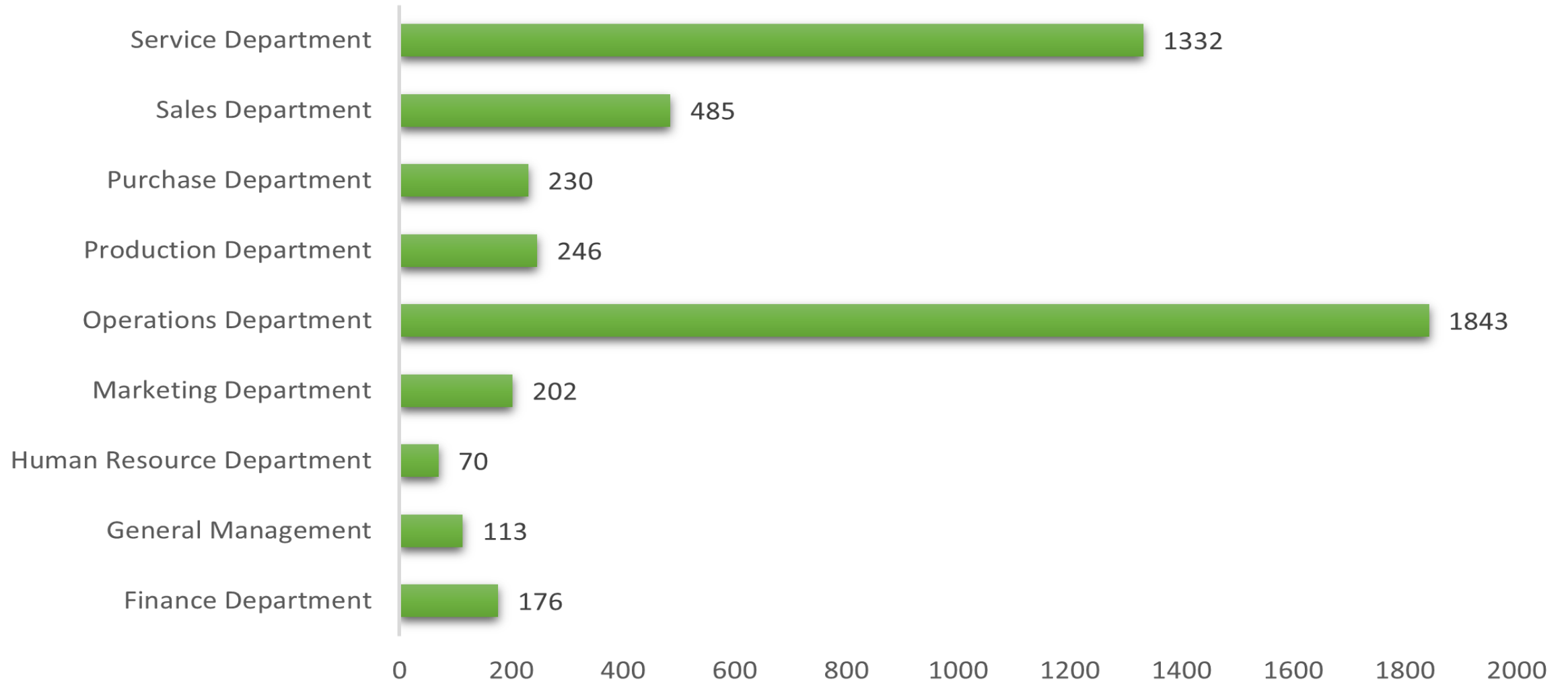


D. Charts and Plots :

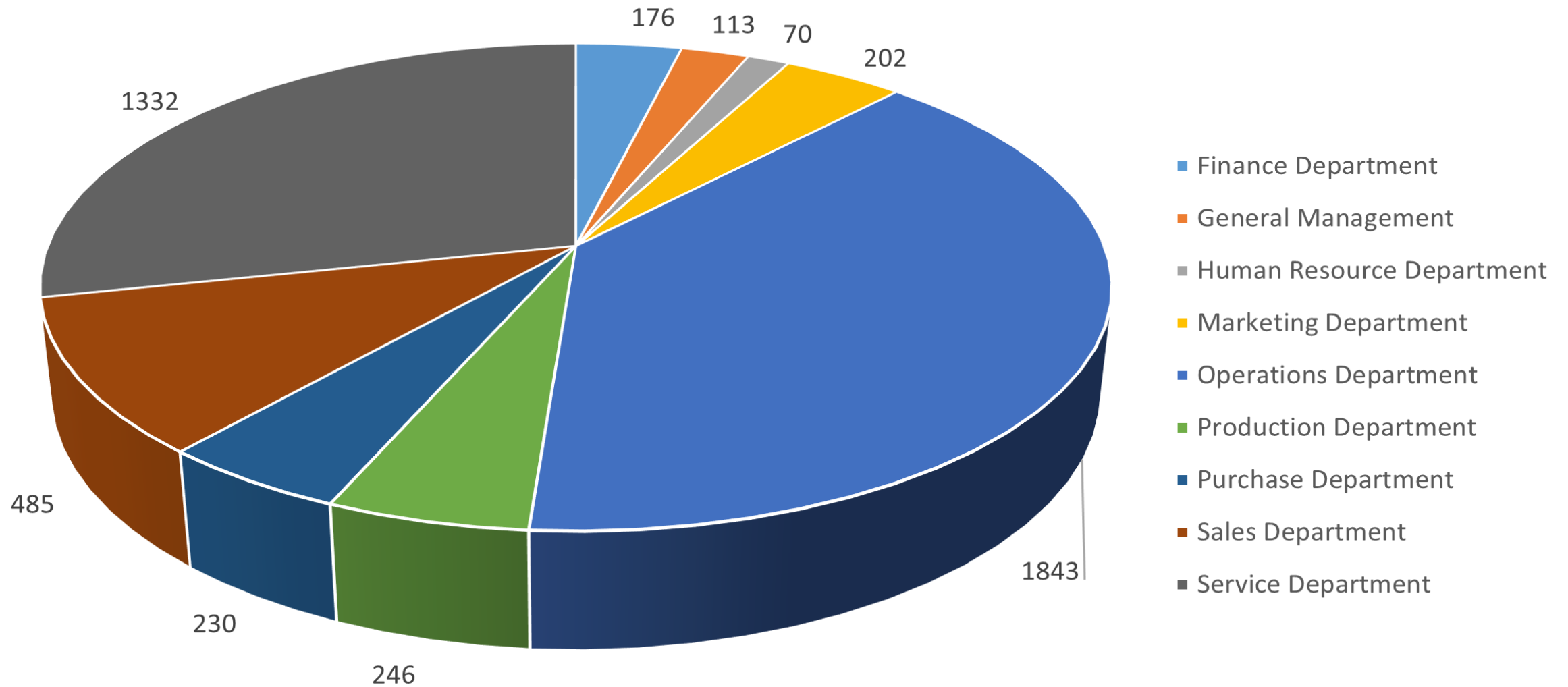
Draw Pie Chart / Bar Graph to show proportion of people working different department ?

Status	Hired
Row Labels	Count of Status
Finance Department	176
General Management	113
Human Resource Department	70
Marketing Department	202
Operations Department	1843
Production Department	246
Purchase Department	230
Sales Department	485
Service Department	1332
Grand Total	4697

Employees working at different department



Employees working at different department

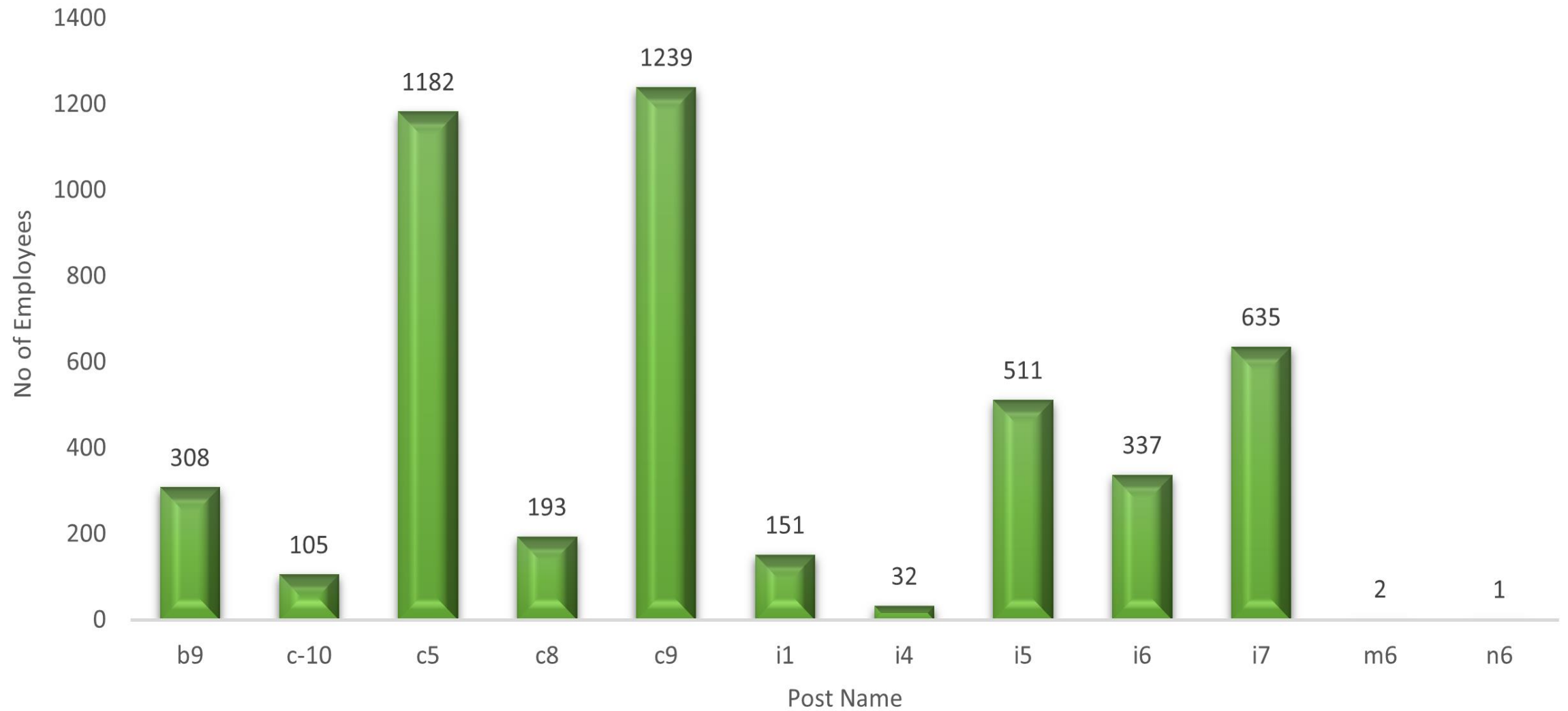


E. Charts:

Represent different post tiers using chart/graph?

Status	Hired
Row Labels	Count of Status
b9	308
c-10	105
c5	1182
c8	193
c9	1239
i1	151
i4	32
i5	511
i6	337
i7	635
m6	2
n6	1
Grand Total	4696

Post tiers



Insights:

Overall, this project provided valuable insights into the hiring process and trends within the company, allowing for improvements to be made to ensure a fair and efficient hiring process.

Result:

I have learned how to manipulate data in MS Excel, along with functions, pivot tables and charts & graphs and also helped me for analyzing and performing EDA in MS Excel. This project was great learning experience and has helped me to improve my skills and knowledge in data analysis.



Project-4 Results