

Hiring Process Analytics

Analysis done on the following points: -

A. Hiring: Process of intaking of people into an organization for different kinds of positions.

Your task: How many males and females are Hired?

B. Average Salary: Adding all the salaries for a select group of employees and then dividing the sum by the number of employees in the group.

Your task: What is the average salary offered in this company?

C. Class Intervals: The class interval is the difference between the upper-class limit and the lower-class limit.

Your task: Draw the class intervals for salary in the company?

D. Charts and Plots: This is one of the most important parts of analysis to visualize the data.

Your task: Draw Pie Chart / Bar Graph (or any other graph) to show proportion of people working different department ?

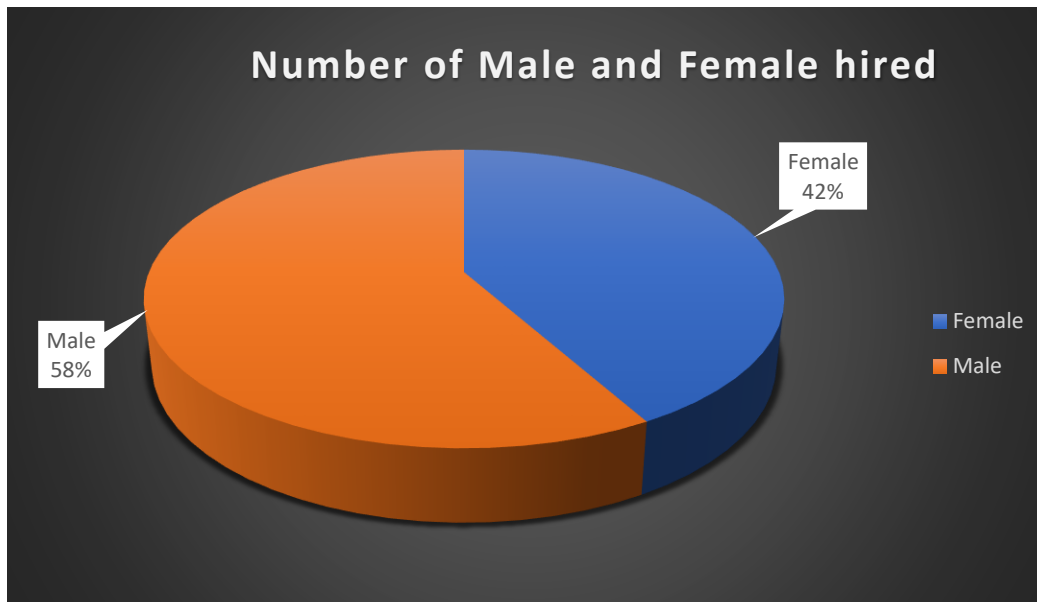
E. Charts: Use different charts and graphs to perform the task representing the data.

Your task: Represent different post tiers using chart/graph

Hiring: Process of intaking of people into an organization for different kinds of positions.

Your task: How many males and females are Hired?

No. of Male and Female Hired	
Row Labels	Column Labels Hired
Female	1853
Male	2572



Average Salary: Adding all the salaries for a select group of employees and then dividing the sum by the number of employees in the group.

Your task: What is the average salary offered in this company?

To find the average salary offered in this company: -

1. First, we need to remove the outliers i.e., to remove the salaries below 1000 and above 100000

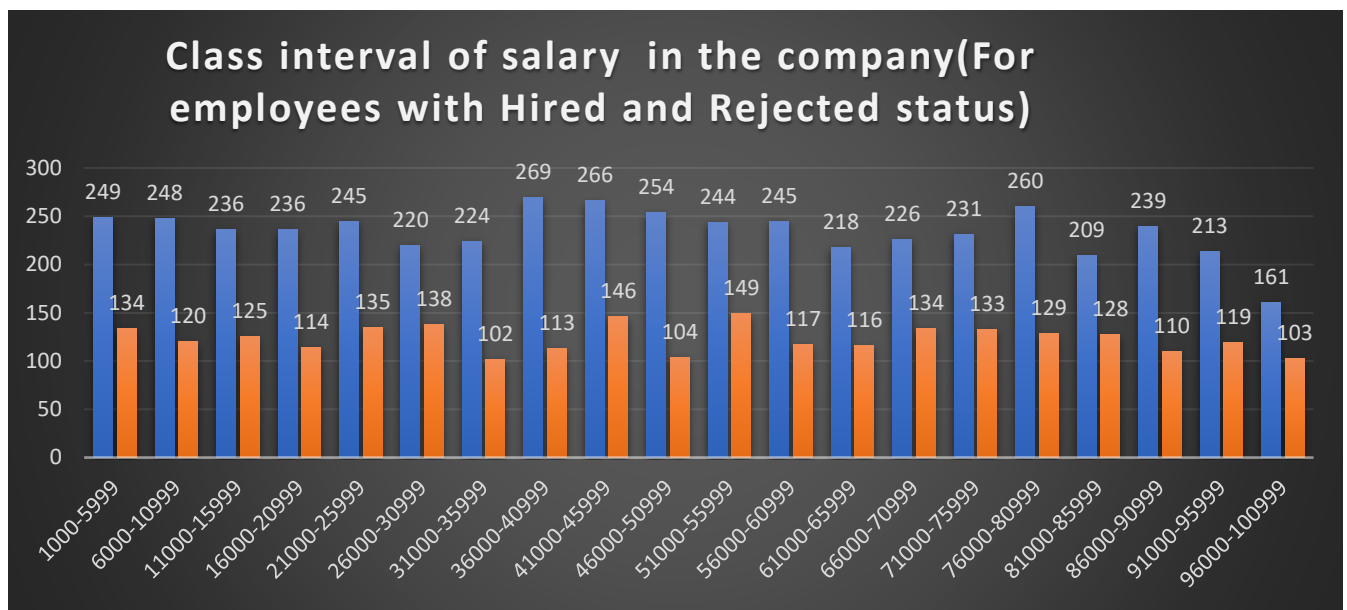
2. Then using the formula

=AVERAGE(entire_column_of_salary_after_removing_outliers)

Average Salary	49983.02902
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Class Intervals: The class interval is the difference between the upper-class limit and the lower-class limit.

Your task: Draw the class intervals for salary in the company?

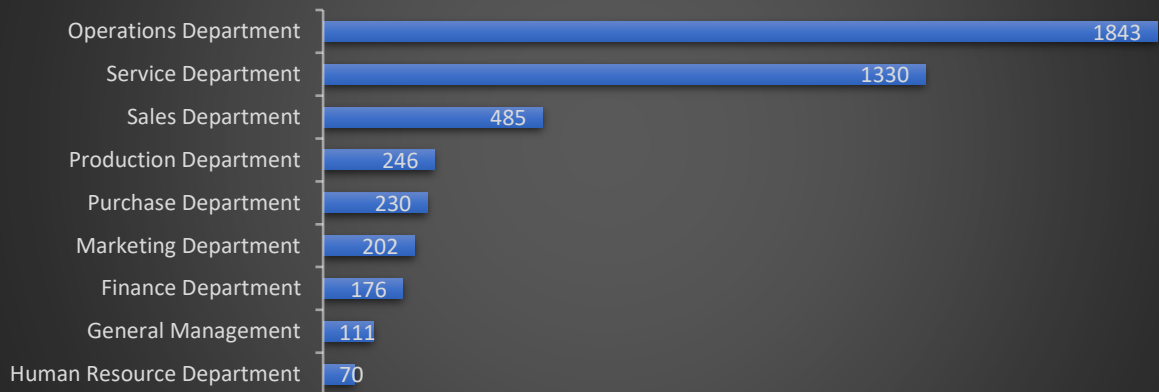


Charts and Plots: This is one of the most important parts of analysis to visualize the data.

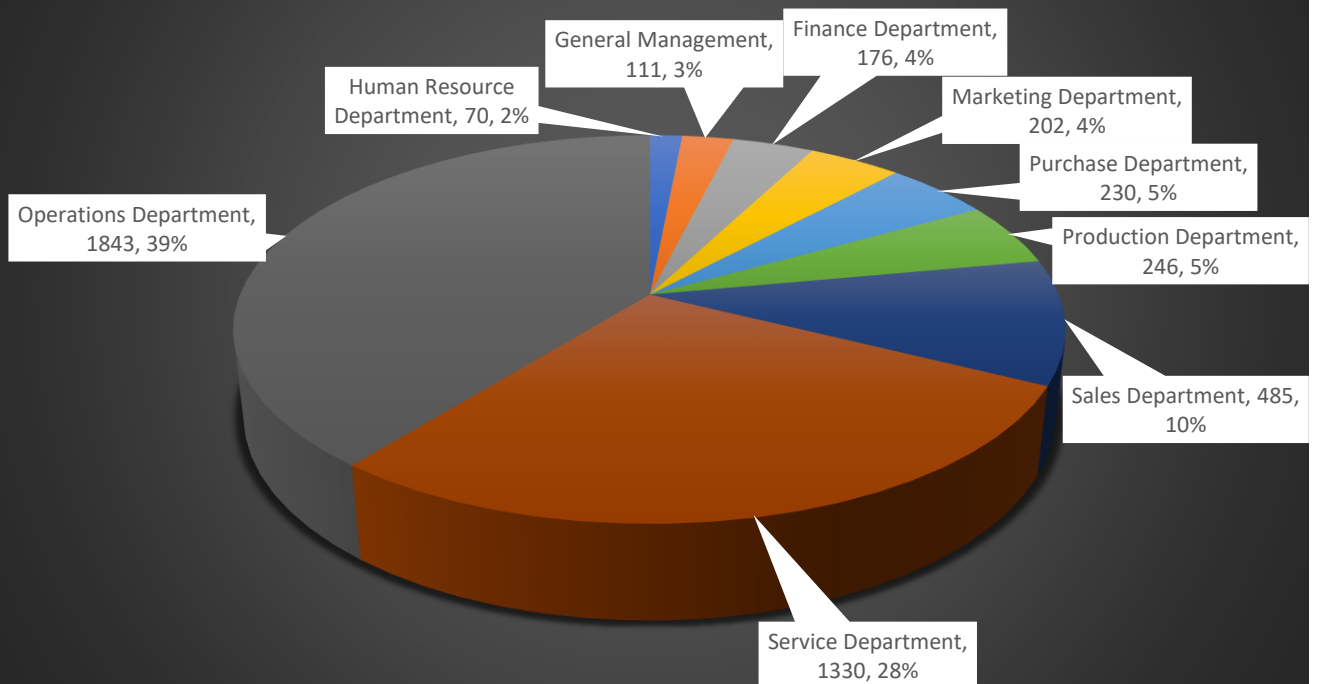
Your task: Draw Pie Chart / Bar Graph (or any other graph) to show proportion of people working different department?

Number of People Department	Column Labels Hired
Human Resource Department	70
General Management	111
Finance Department	176
Marketing Department	202
Purchase Department	230
Production Department	246
Sales Department	485
Service Department	1330
Operations Department	1843

Proportion of people working in different department



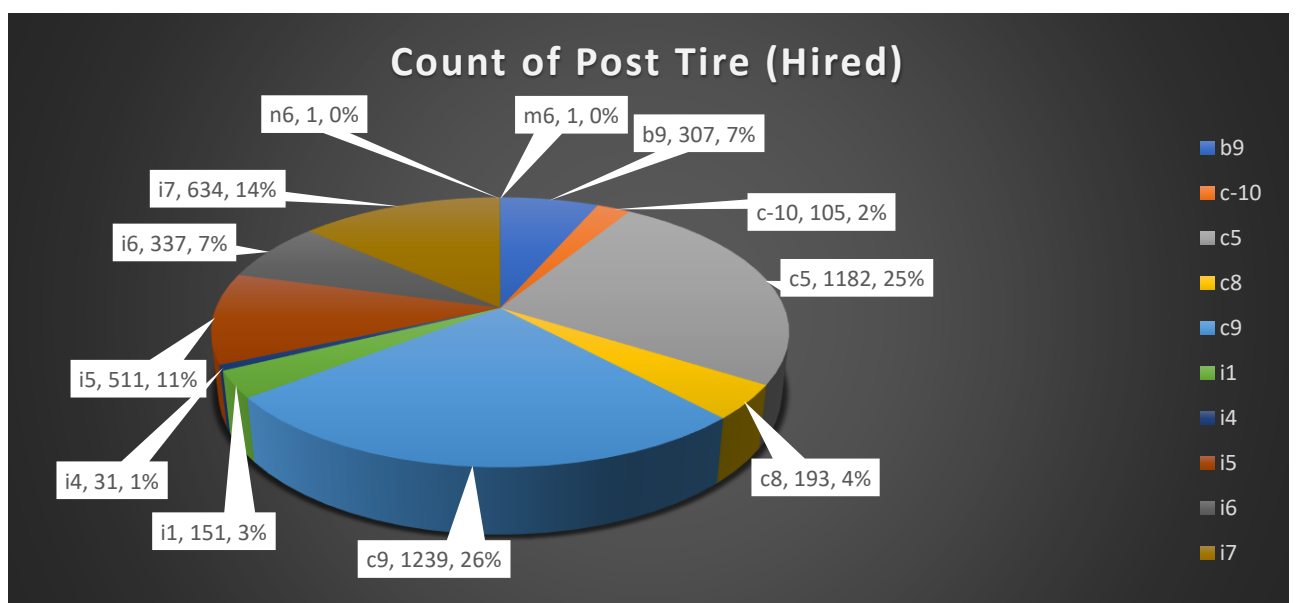
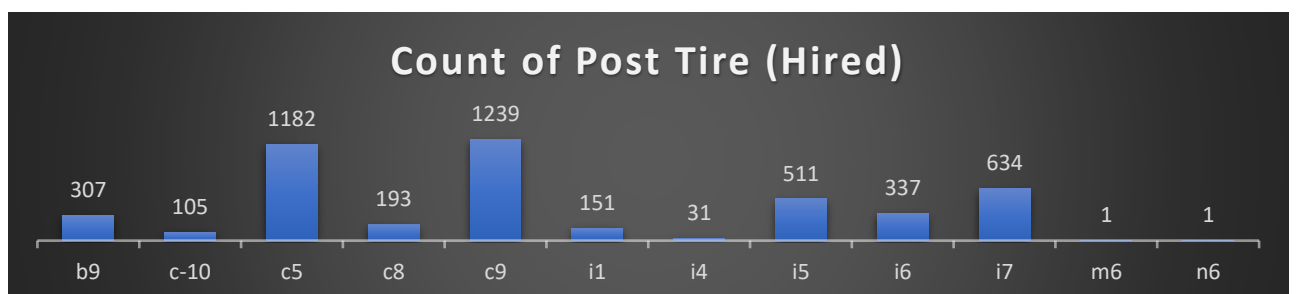
Proportion of people working in different department



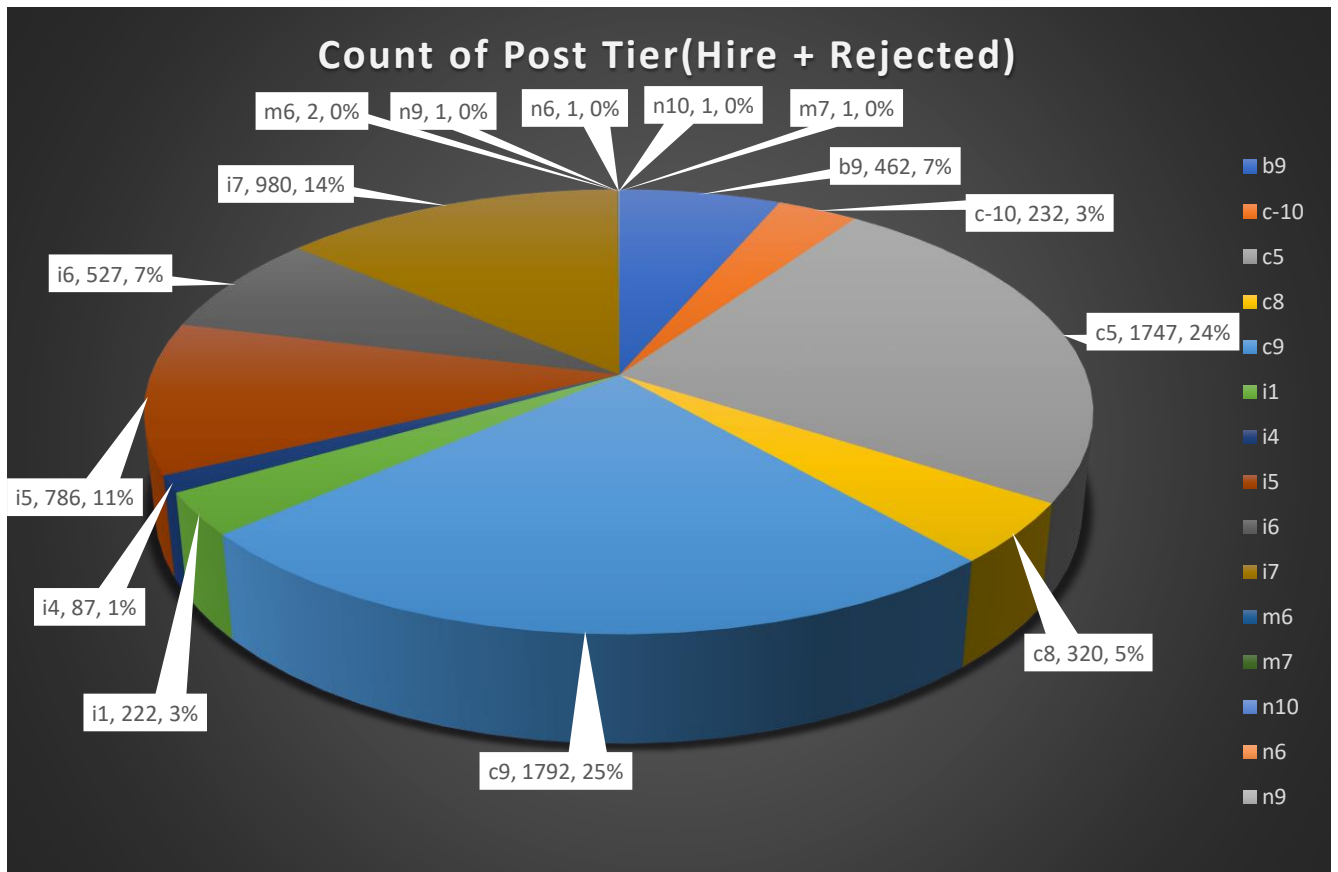
Charts: Use different charts and graphs to perform the task representing the data.

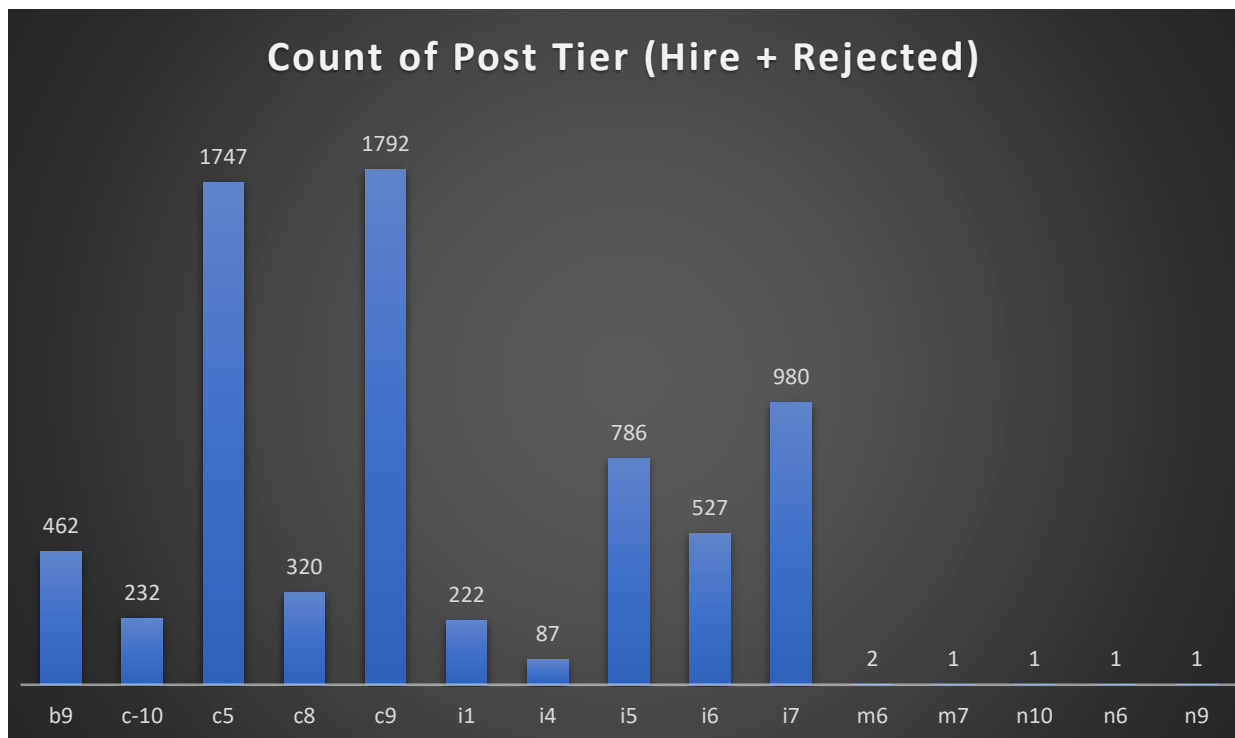
Your task: Represent different post tiers using chart/graph?

Count of Hired	
Post	Column Labels
Row Labels	Hired
b9	307
c-10	105
c5	1182
c8	193
c9	1239
i1	151
i4	31
i5	511
i6	337
i7	634
m6	1
n6	1



Post Name	Count of Status(Hired + Rejected)
b9	462
c-10	232
c5	1747
c8	320
c9	1792
i1	222
i4	87
i5	786
i6	527
i7	980
m6	2
m7	1
n10	1
n6	1
n9	1





Hence, all the questions given as a part of Data Analytics Trainee Task 4: Hiring Process Analytics have been provided with answers along with graphs.

In this task all the concepts regarding to Excel and statistics have been implemented using Microsoft Excel.