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Data Analytics Trainee

Task 4: Hiring Process Analytics , Tech Stack Used : Microsoft Excel

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 part 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?

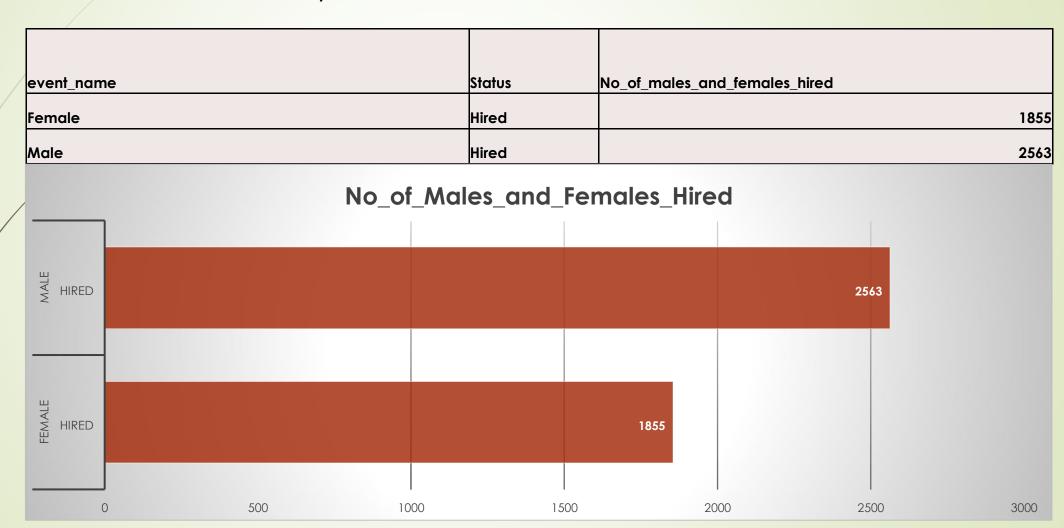
E. Charts: Use different charts and graphs to perform the task representing the data.

Your task: Represent different post tiers using chart/graph

Hiring

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

Your task: How many males and females are Hired?



Average Salary

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)

Formula Used:-

=AVERAGE(G:G)

Output/Result

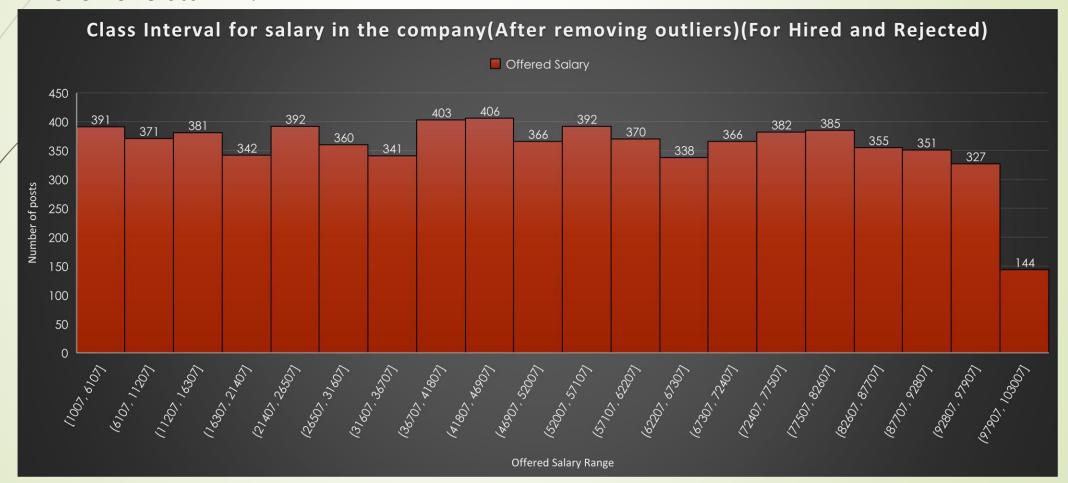
49983.03223

Class Intervals

Class Intervals:

The class interval is the difference between the upper class limit and

the lower class limit.

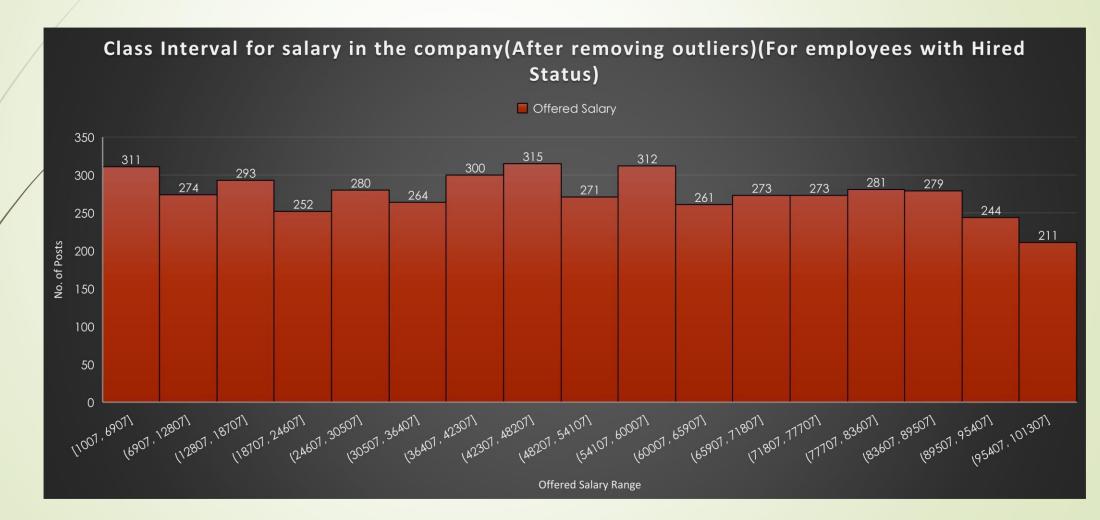


Your task: Draw the class intervals for salary in the company?

Class Intervals

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?

	Department	Status	Count of Department
	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

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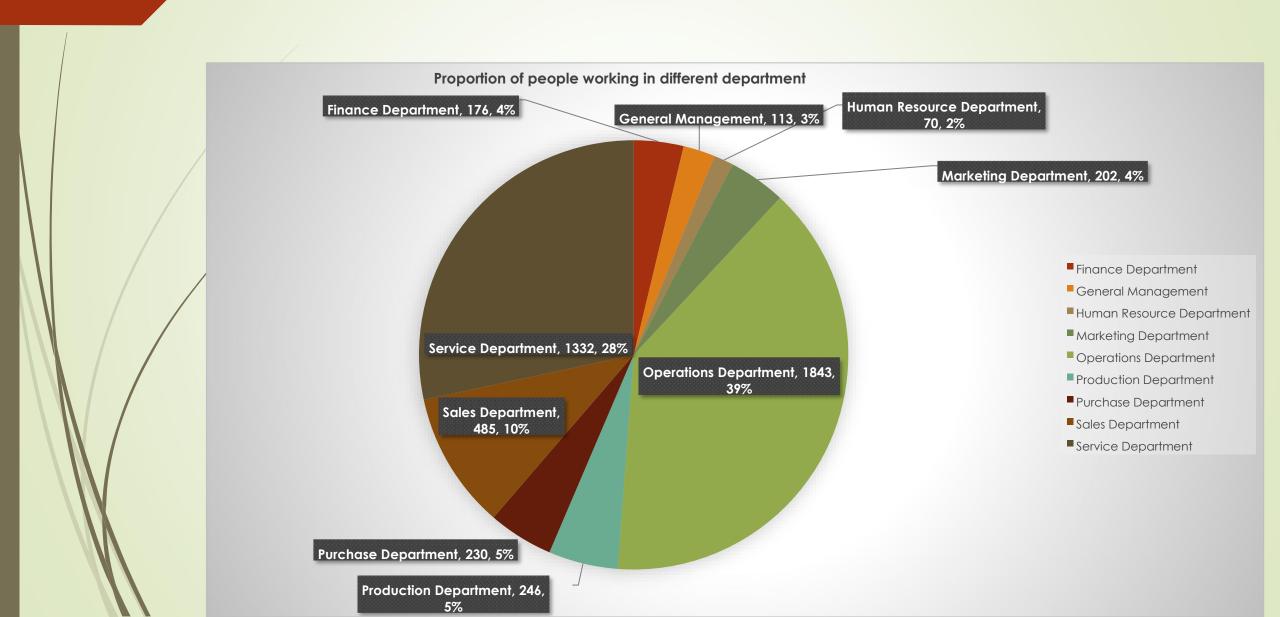
Service Department 1332

Charts and Plots:

This is one of the most important part 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?

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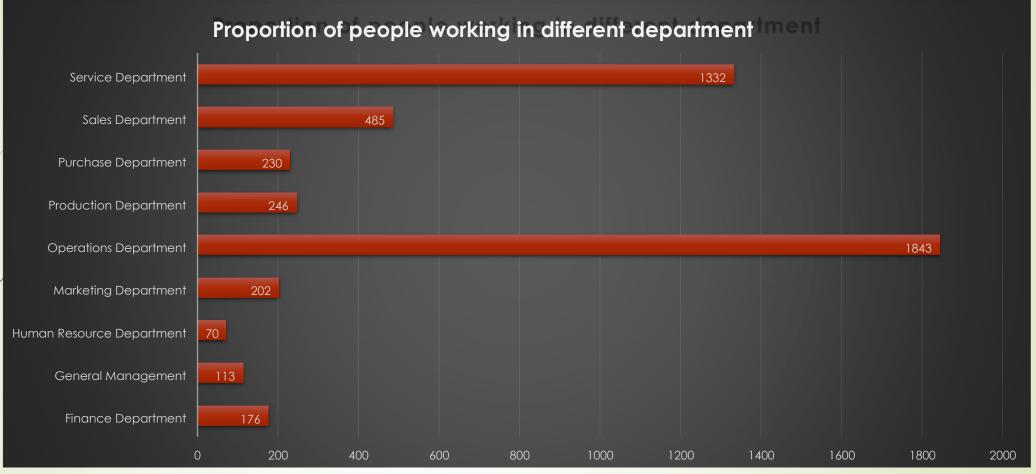


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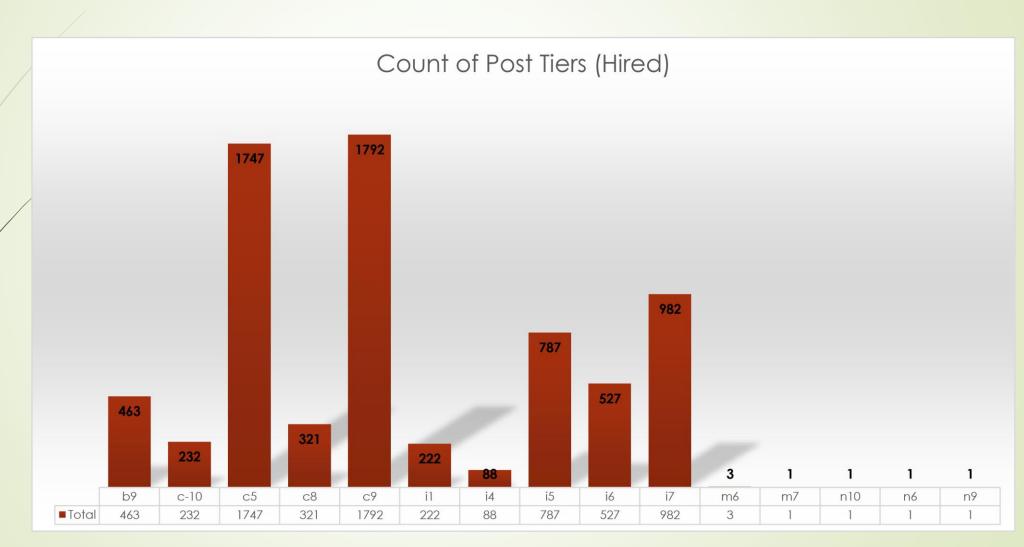
Charts: Use different charts and graphs to perform the task representing the data.

Post Name	Status	Count of Post Tiers (Hired)
b9		308
c-10		105
c5		1182
с8		194
c9		1239
i1		151
i4		32
i5		511
16		337

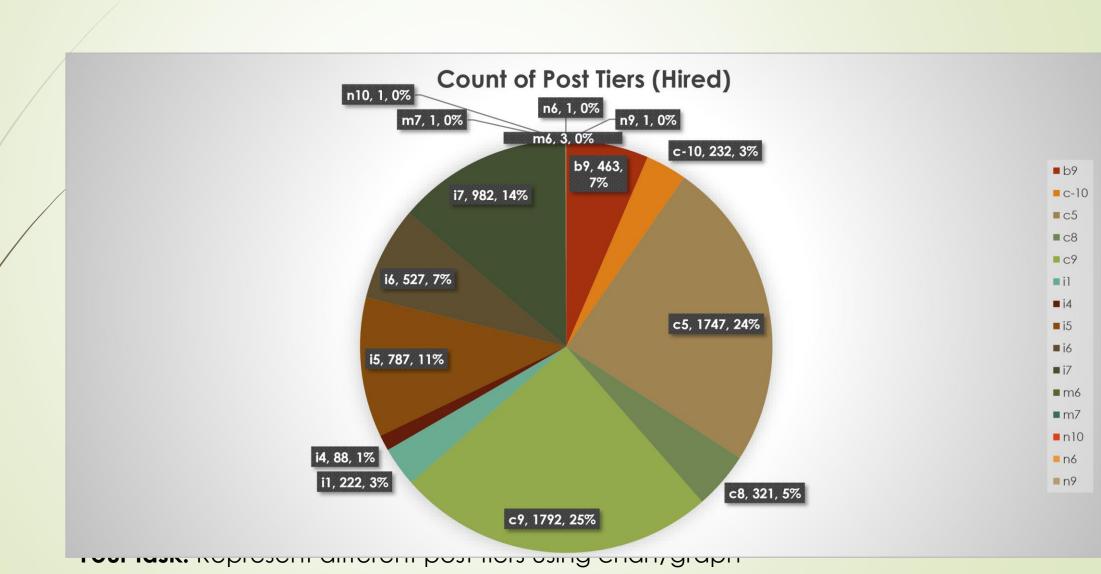
i7	635
m6	2
n6	1

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

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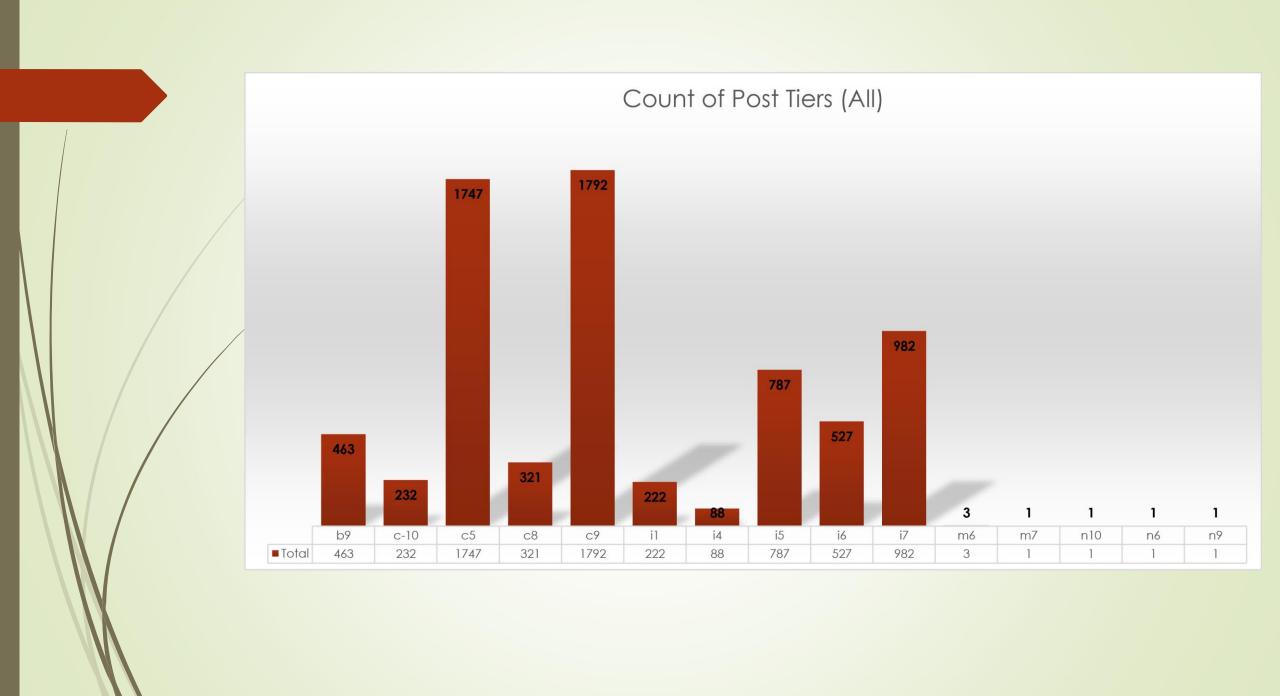
Post Name	Status	Count of Post Tiers (All)
b9		463
c-10		232
c5		1747
c8		321
с9		1792
i1		222
i4		88
i5		787
i6		527
i7		982

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

m6	3
m7	1
n10	1
n6	1
n9	1

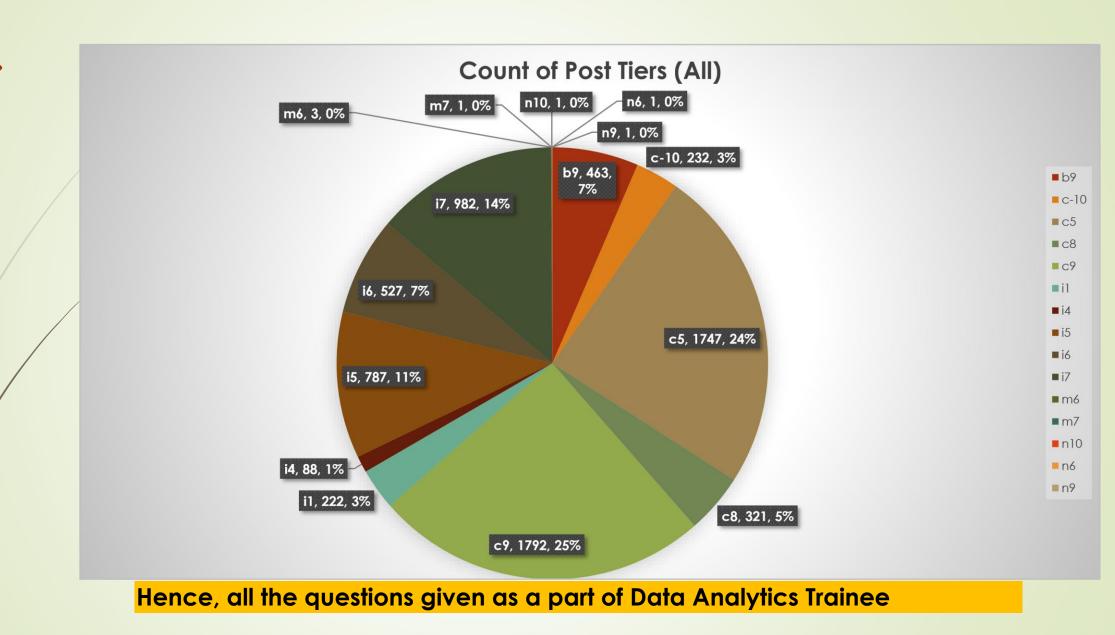
Charts:

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





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



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

Google Drive Link for the Updated and edited Excel sheet

Statistics.xlsx - Google Sheets