trainity

PROJECT 4

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HYPERLINK

OF EXCEL SHEET

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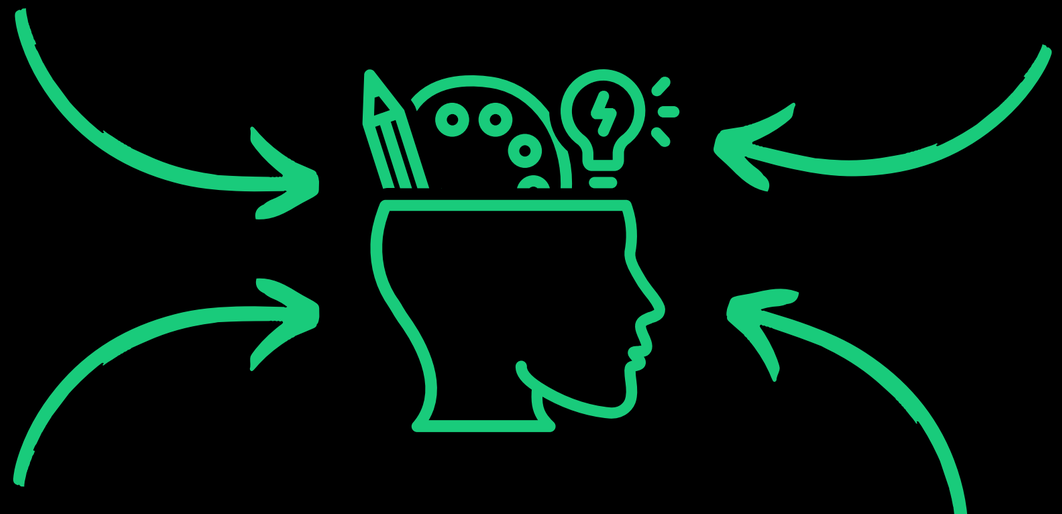
PROJECT DESCRIPTION:

In this project, our task is to analyze the company's hiring process data and draw meaningful insights from it. The hiring process is a crucial function of any company, and understanding trends such as the number of rejections, interviews, job types, and vacancies can provide valuable insights for the hiring department.



TECH STACK USED:

MICROSOFT EXCEL
CANVA FOR CREATING PPT

I chose **Microsoft Excel** because it is thw most convenient spreadhseet and can be used efficiently to view statistics and analyse the data set given very quickly.

I chose **Canva** so as to make my PPT look more visually appealing.

insights AHEAD

WITH DETAILED APPROACH AND OUTPUT AND FORMULA BOX
(GRAPH IF ASKED)

TASK **A**

Hiring Analysis

TASK A

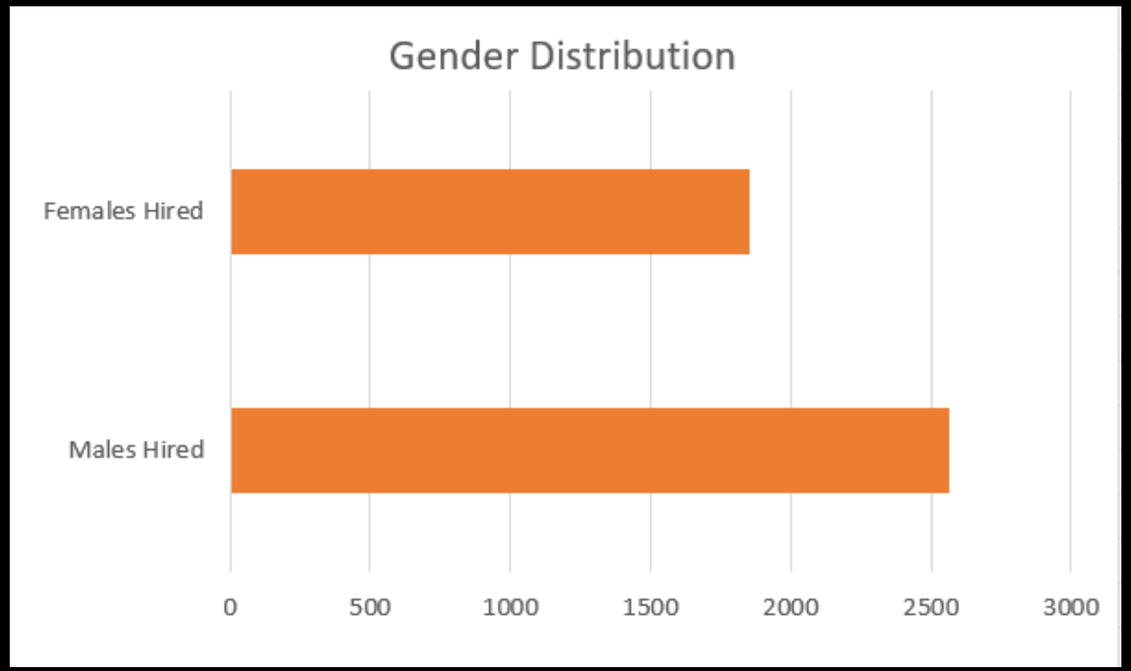
Formula Box:

Females Hired	=COUNTIFS(C2:C7169,C2,D2:D7169,D3)
Males Hired	=COUNTIFS(D2:D7169,D2,C2:C7169,C3)

Output:

Males Hired	2563
Females Hired	1856

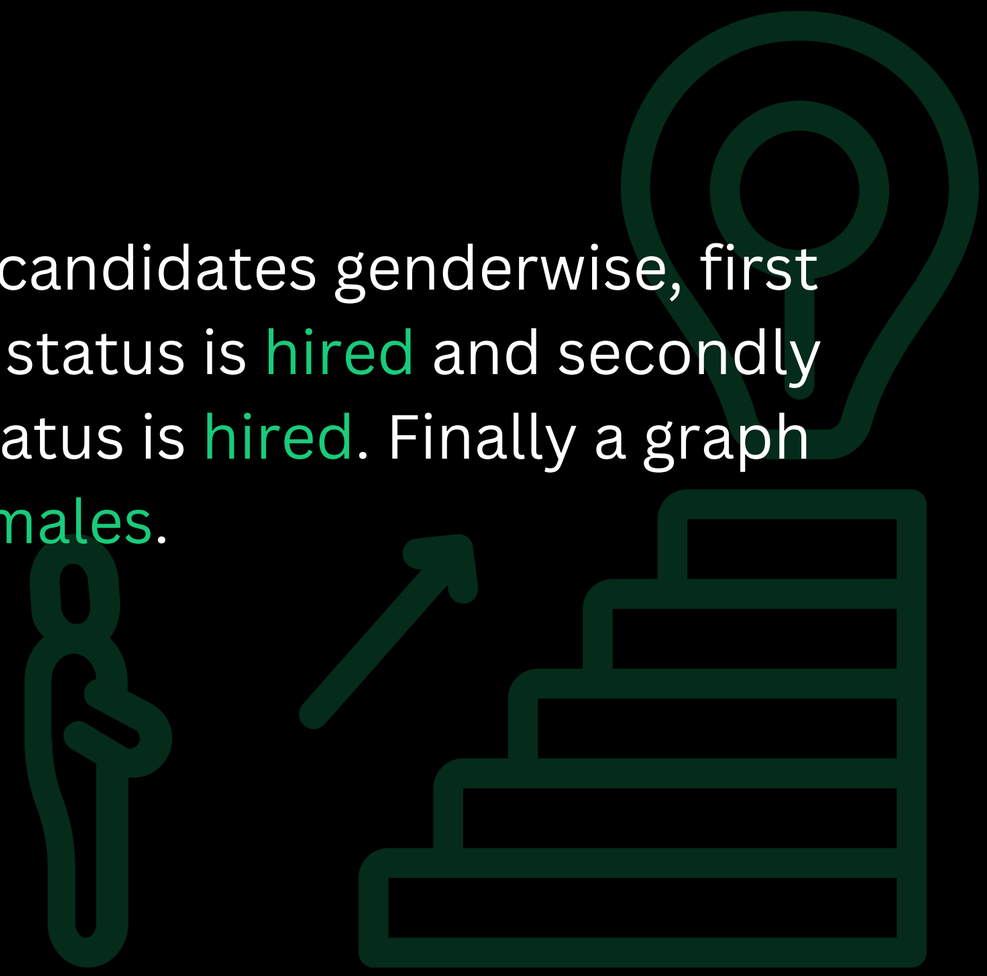
GRAPH:



TASK A

APPROACH:

Since we were required to count the no of hired candidates genderwise, first we gave the condition where gender is male and status is hired and secondly we gave the condition of gender is female and status is hired. Finally a graph was plotted among the hired males and hired females.



TASK B

Salary Analysis

TASK **B**

Formula Box:

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=AVERAGE(G2:G7169)
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Output:

AVERAGE SALARY	49976.06

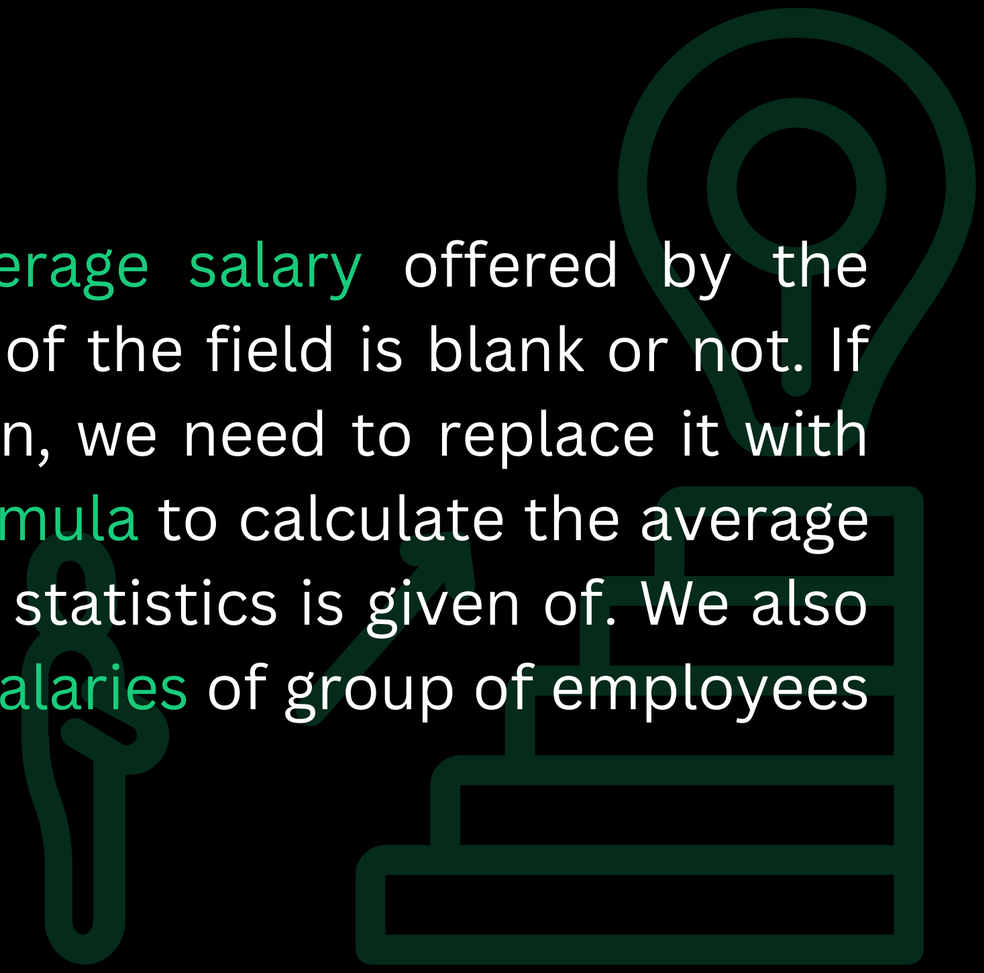
Output(Grouped):

Row Labels	Average of Offered Salary
-	85914
b9	49666.76458
c-10	51134.62069
c5	50213.50372
c8	50701.4625
c9	50201.18583
i1	49943.93694
i4	48877.84091
i5	49391.92503
i6	48839.24858
i7	50014.3778
m6	34521.33333
m7	41402
n10	26990
n6	44700
n9	46219
Grand Total	**49976.05594**

TASK B

APPROACH:

Since we were required to calculate the average salary offered by the company, first we need to ensure whether any of the field is blank or not. If there is any blank field in salary offered column, we need to replace it with 0.After doing this we simply ran the average formula to calculate the average salary of all the employees of the company the statistics is given of. We also inserted a pivot tablw to calculate the average salaries of group of employees post wise.



TASK C

Salary Distribution

TASK C

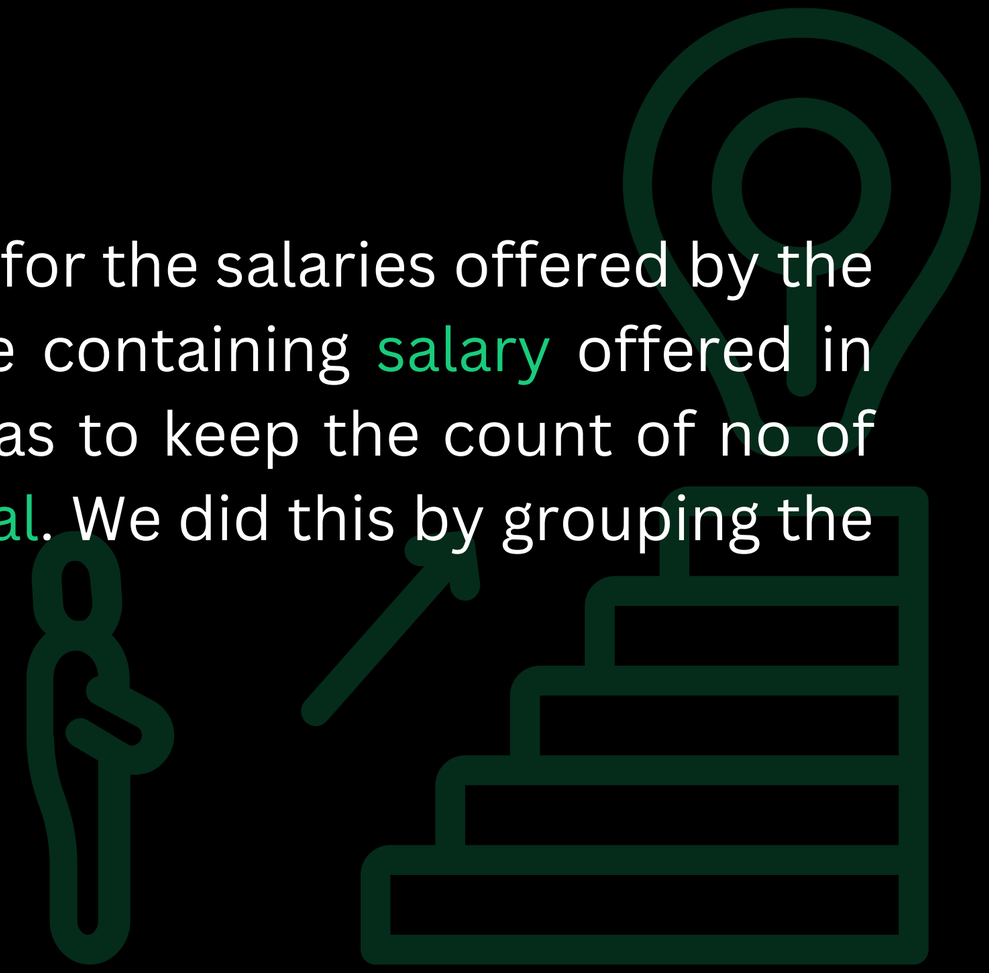
Output:

Salary Intervals	Count of Offered Salary
0-9999	679
10000-19999	732
20000-29999	711
30000-39999	709
40000-49999	781
50000-59999	751
60000-69999	698
70000-79999	734
80000-89999	711
90000-99999	659
>100000	3
Grand Total	**7168**

TASK C

APPROACH:

Since we were required to create class intervals for the salaries offered by the company, first we need to create a pivot table containing salary offered in rows and again the offered salary in values so as to keep the count of no of employees getting a salary of a particular interval. We did this by grouping the row values.



TASK D

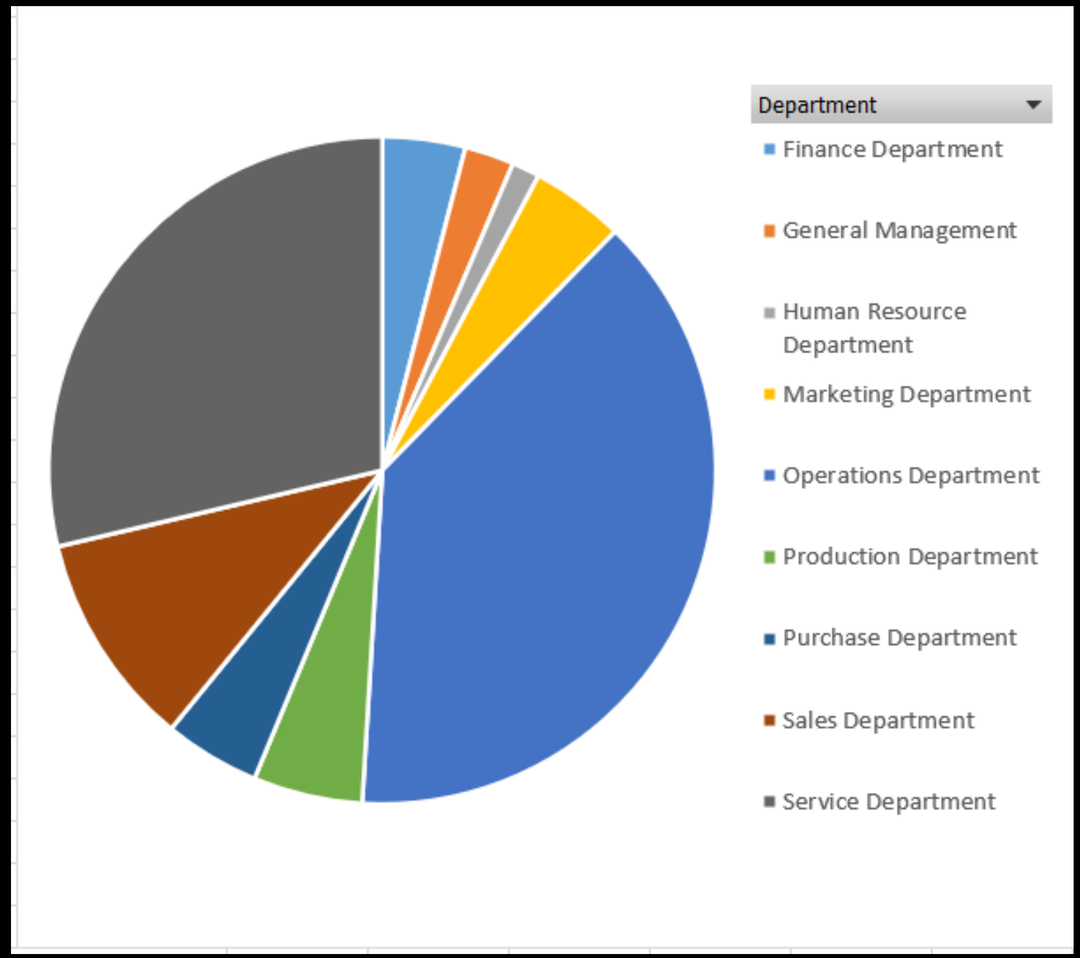
Departmental Analysis

TASK D

Output:

Departments	Count of Department
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

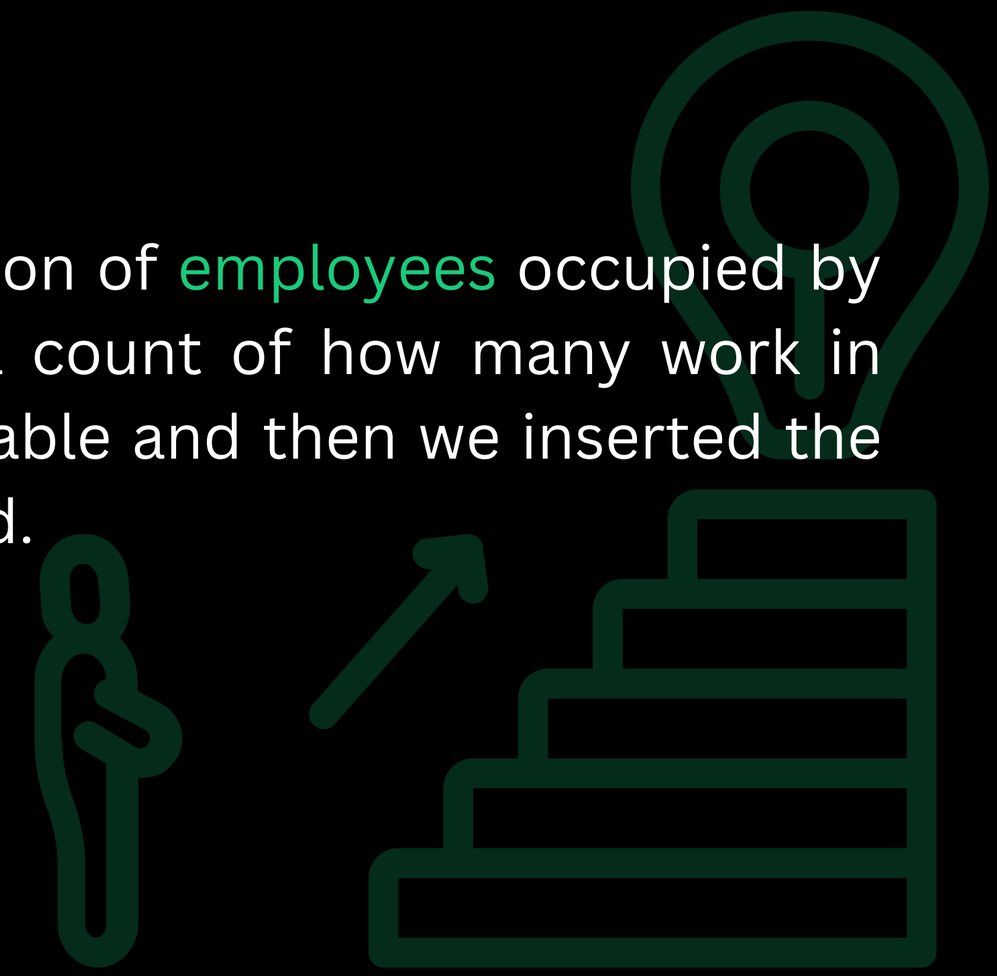
Output(Grouped):



TASK D

APPROACH:

Since we were required to analyse the proportion of employees occupied by different department, first we need to keep a count of how many work in different departments, with the help of pivot table and then we inserted the pie chart with respect to the pivot table inserted.



TASK E

Position Tier Analysis

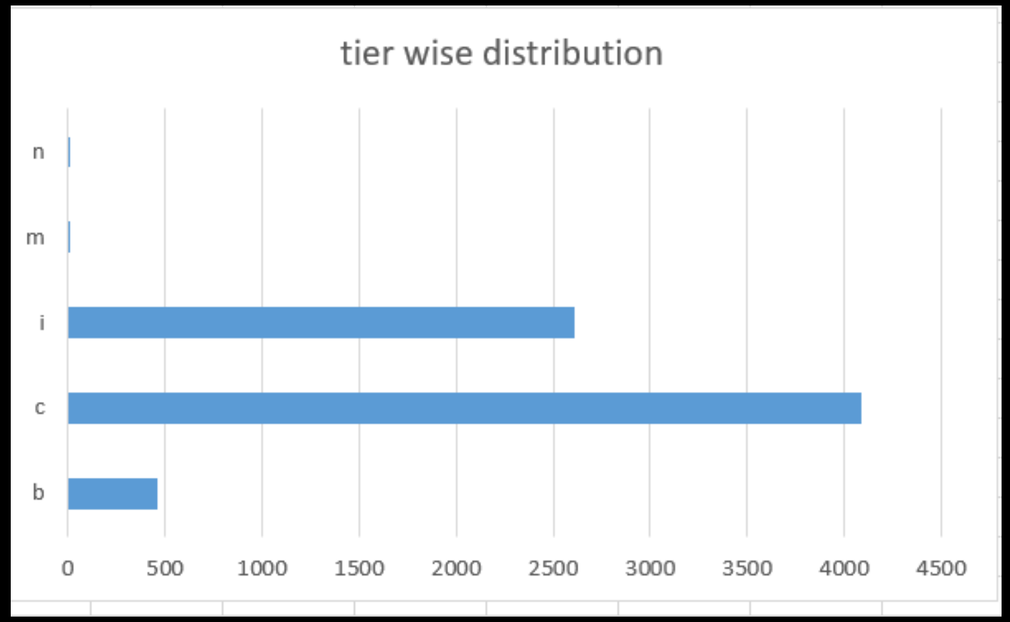
TASK E

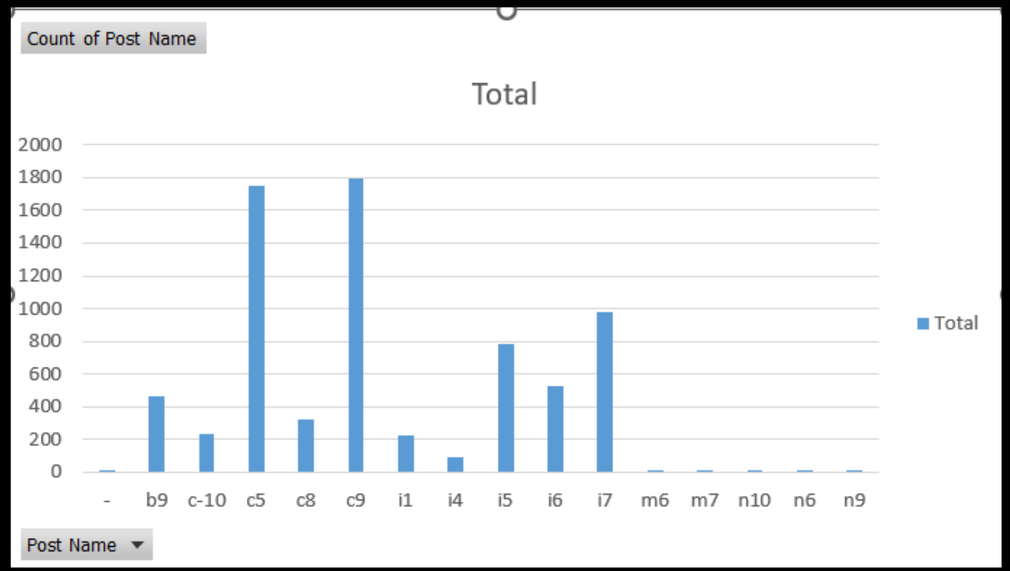
Output:

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

tier	count
b	463
c	4091
i	2606
m	4
n	3

Graph:

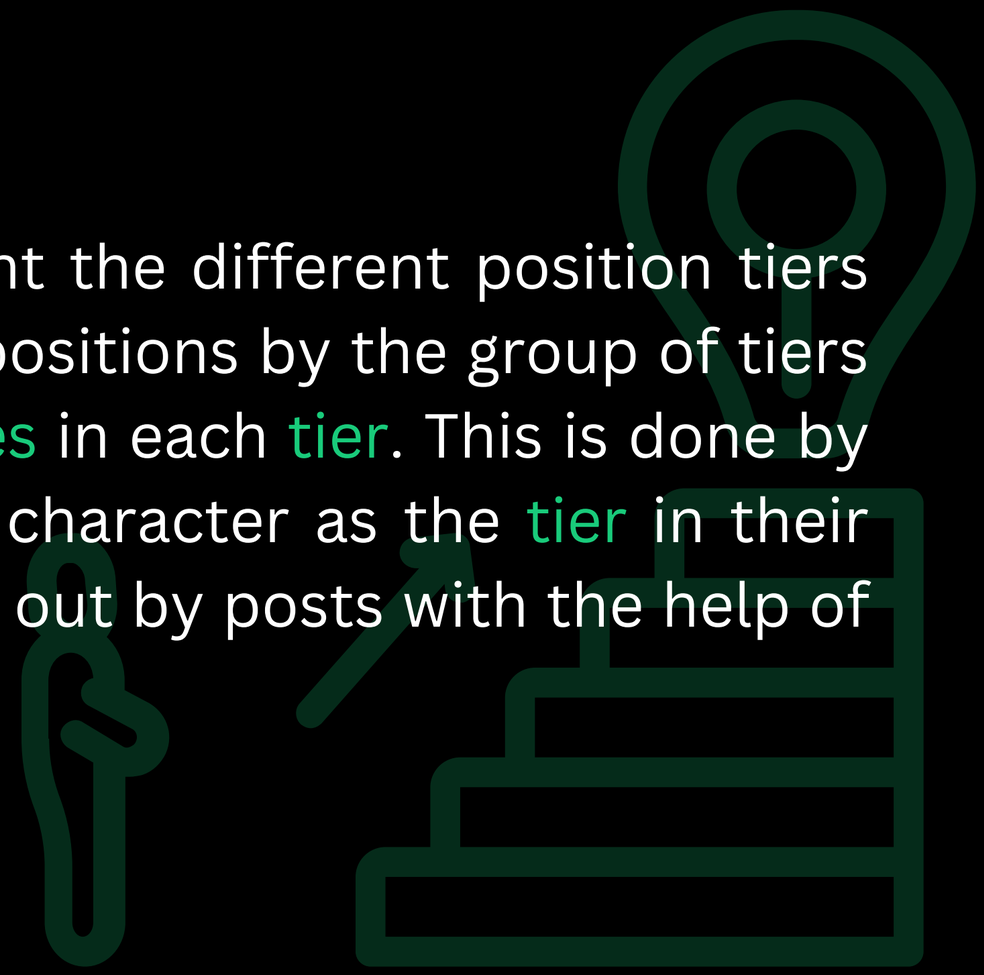




TASK E

APPROACH:

Since we were required to analyse to represent the different position tiers within the company, first we need to filter the positions by the group of tiers so that first we identify the count of emoployees in each tier. This is done by counting the no of employees having the first character as the tier in their post name. Then the no of employees is filtered out by posts with the help of pivot table.



RESULT:

I successfully handled a practical situation and learned to run operations and handle a given dataset easily and efficiently. Thus, it has helped me gain a confidence on MicrosoftExcel and also got a hand on how the data statistics of the database of a company is handled hasslefree.