Hiring Process Analytics

Project Description:
This project is about Hiring Process Analytics where we will do our analysis over the data set provided to get insights about the data. Basically, we will perform Exploratory Data Analysis (EDA) where we will try to summarize, visualize, and identify missing values of the data which will help us to answer the various questions related to data which is being asked. We are going answer questions like, how many males and females are hired? What is the average salary offered in the company? etc.

Approach
We will be performing our analysis on Microsoft Excel using various in-built formula of Excel and we will go step by step in finding out the answers to the questions asked related to the data set. For EDA first we will understand the various columns, the data it contains and their characteristics then we will start with validating our data table through in-built tables functions which will give us filter option as well for all the columns. Then we will look for duplicates in the data set and if any we will remove it through remove duplicate inbuilt function of excel. We will check for missing values in the data set as well. We will check for outliers in the data by using scatter plot. We will remove the outlier if and draw summary and conclusion about the data.

Tech Stack Used
• Google Chrome
• Microsoft Excel

How many males and females are Hired?

event_name	Count of event_name
-	15
Don't want to say	393
Female	2675
Male	4085
(blank)	
Grand Total	**7168**

What is the average salary offered in this company ?

Analysis	Result	Formula
Offered Salary Mean	49983.02902	Avaerage
Offered Salary Median	49625	Median
Minimum Salary	100	Minimum Salary
Maximum Salary	400000	Maximum Salary

Draw the class intervals for salary in the company ?

Offered Salary	Count of Offered Salary
(blank)	

100-50099	3614
50100-100099	3550
150100-200099	1
250100-300099	1
350100-400000	1
Grand Total	**7167**

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

Department	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
Grand Total	7168
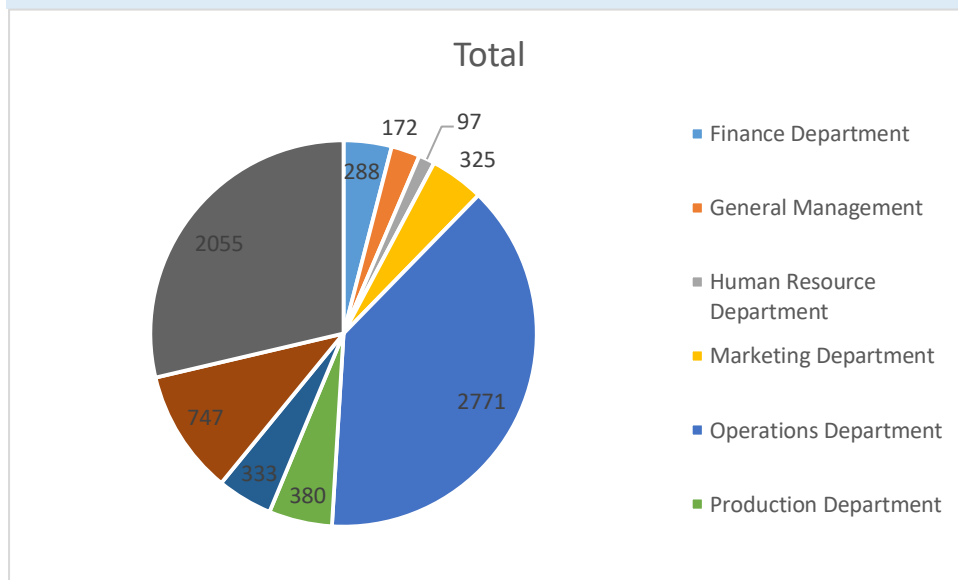
Represent different post tiers using chart/graph?

Post Name	Count of Post Name
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
Grand Total	**7168**

post name