

Project Description ;

The project is about hiring process analytics . I handled the project via my statistics and excel knowledge. In this project I find out How many males and females are Hired and Average Salary offered in company also draw class intervals for salary in this company then I Draw Pie Chart to show proportion of people working different department and in last Represent different post tiers using Bar chart.

Approach ;

My approach towards the project is pretty simple I have to just execute some excel formulas and my statistics knowledge to answer the questions that asked by Company.

Tech-Stack Used ;

I Use Microsoft Excel version 2021 to perform entire analysis answering the questions asked by the company.I used that version to perform entire analysis because it enables users to format, organize and calculate data in a spreadsheet.

Insights ;

For this project I got statistics dataset I opened it in excel and answer all the question asked by the company .i made chart and graph for the given data and also did some calculations on excel.By this project I nourish my Excel and statistics skills.

Result ;

I have theoretical knowledge of Statistics so by this project I achieved practical knowledge of statistics and also learn how to find answer from given dataset and solve the projects.It helps me when I wil work for any company.

QUESTION 1; Hiring: Process of intaking of people into an organization for different kinds of positions.

Your task: How many males and females are Hired ?

ANSWER ; Male – 4085 , Female - 2675

Question 2; 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 ?

ANSWER ; average salary – 49983.03

Question 3; 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 ?

Answer ; The lowest term is 100 and the highest term is 400000 so we can group the data by 0-100000,100000-200000,200000-300000,300000-400000.

As we know class interval = upper limit – lower limit

So, for 0-100000, upper limit =100000 and lower limit=0.

Hence class interval = 100000-0 = 100000.

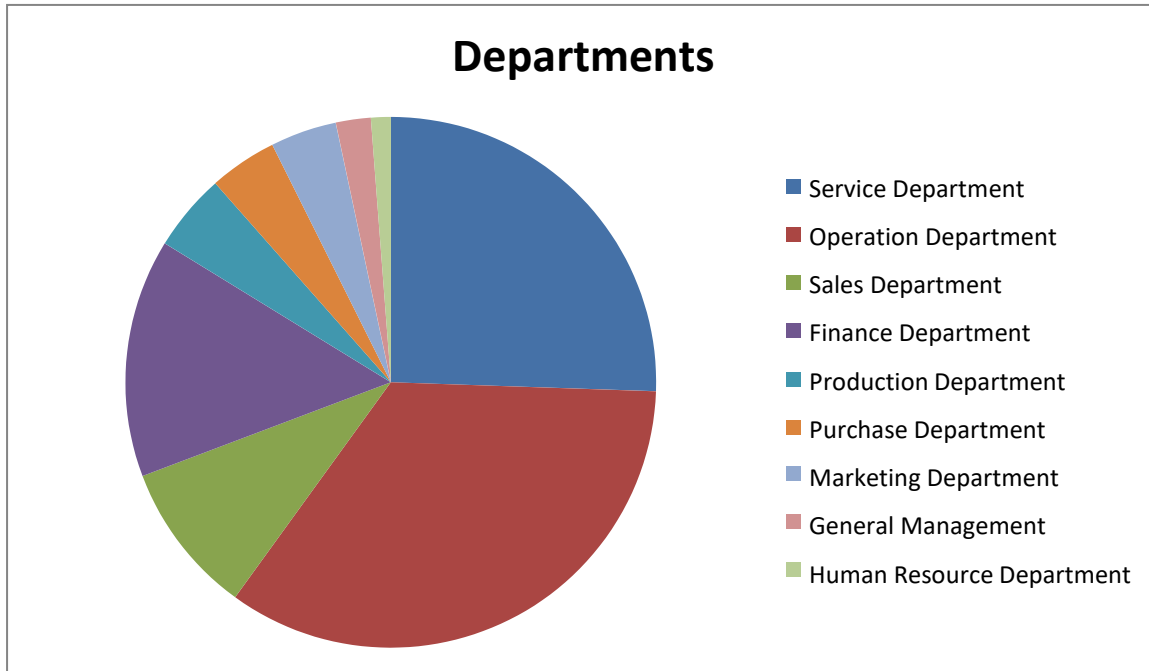
Similarly for classes, 100000-200000,200000-300000,300000-400000

Class interval = 200000-100000=300000-200000=400000-300000=100000

Question 4; 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 ?

Answer ;



1. **Service Department ; 103.2 degree**
2. **Operations Department ; 139.16 degree**
3. **Sales Department ; 37.51 degree**
4. **Finance Department ; 58.64 degree**
5. **Production Department ; 19.08 degree**
6. **Purchase Department ; 16.72 degree**
7. **Marketing Department ; 16.32 degree**
8. **General Management ; 8.6 degree**
9. **Human Resource Department ; 4.87 degree**

Question 5 ; Charts: Use different charts and graphs to perform the task representing the data.

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

Answer ;

