

# Hiring Process Analytics

## Project Description

This project is about the data analysis using excel sheet and statistics.

Hiring process is the fundamental and the most important function of a company. Here, the MNCs get to know about the major underlying trends about the hiring process. Trends such as- number of rejections, number of interviews, types of jobs, vacancies etc. are important for a company to analyze before hiring freshers or any other individual.

Statistics is collection, organization, analysis, implementation and presentation of data. It is a review, gather, analyze and raw conclusion from data. Here we also use pie chart, bar chart, histogram, frequency table and many more to understanding data in graphical format which is very easy to understanding.

## Approach

Hiring process analysis is also an important part of data analyst. Here we use excel sheet and statistics to get output from insights. Here they want some data related to hiring information, average salary, salary information and some graph from data set.

With the help of Microsoft office Excel & Google Sheet, resolve query with the help of video lecture and database which already provided in our course. They provide relevant data like id, interview date, hiring status, gender, department, salary etc. Using these data and their requirement we did some operation on the data.

## Tech-Stack Used

### 1. Microsoft Excel

Analyze Data in Excel empowers you to understand your data through natural language queries that allow you to ask questions about your data without having to write complicated formulas. In addition, Analyze Data provides high-level visual summaries, trends, and patterns.

### 2. Google Sheet

Get summaries and charts of your data with the click of a button in Sheets. It's kind of like having an expert in data analysis sitting next to you. In a spreadsheet, select a range of cells, columns, or rows. Otherwise, you'll get insights based on where your cursor is.

## Result

A. Hiring: How many males and females are Hired?

Female = 1855

Male = 2562

B. Average Salary: What is the average salary offered in this company ?

Average salary offered in this company is 49983.02902

Calculate sum =sum(A2:A7169)

Calculate count =count(A2: A7169)

Calculate average =D11/D12

	A	B	C	D	E
1	Offered Salary				
2	56553		class interval		
3	22075				
4	70069		max	400000	
5	3207		min	100	
6	29668		difference	399900	
7	85914				
8	69904				
9	11758		average salary		
10	15156				
11	49515		sum	358228369	
12	26990		count	7167	
13	200000		average	49983.02902	
14	86787				
15	2308				
16	56688				
17	81757				

C. Class Intervals: Draw the class intervals for salary in the company ?

class intervals for salary in the company is 399900

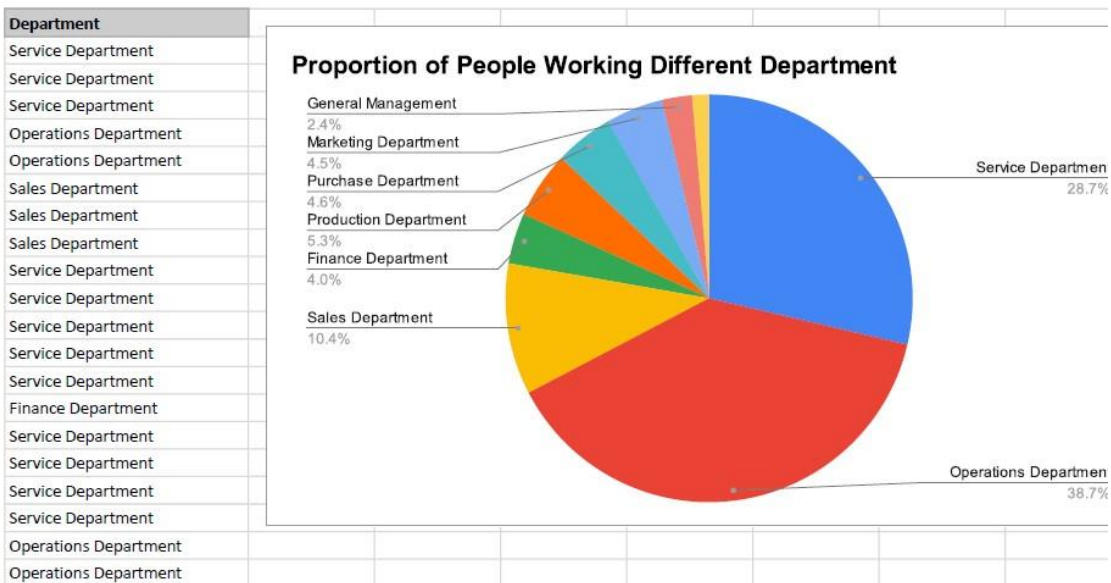
Calculate max =max(A2:A7169)

Calculate min =min(A2: A7169)

Calculate difference =D4/D5

	A	B	C	D	E
1	Offered Salary				
2	56553		class interval		
3	22075				
4	70069		max	400000	
5	3207		min	100	
6	29668		difference	399900	
7	85914				
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17	81757				

D. Charts and Plots: Draw Pie Chart / Bar Graph ( or any other graph ) to show proportion of people working different department ?



E. Charts: Represent different post tiers using chart/graph?

