

# *NAAN MUDHALVAN PROJECT*

STUDENT NAME : E SIVA PRAKASH

REGISTER NO : 312215393

DEPARTMENT : ACCOUNTING & FINANCE

COLLEGE : PATRICIAN COLLEGE OF ARTS & SCIENCE



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*PROJECT TITLE*

# EMPLOYEE DATA ANALYSIS USING EXCEL



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# AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Our Solution and Proposition
5. Dataset Description
6. WoW in our Solution
7. Modelling
8. Results
9. Conclusion



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# *PROBLEM STATEMENT*

I have a doubt that, whether Women getting equal salary to Men. So this Project helps to clarify my Doubt. So I am doing this project. Also I want to know about the Age and Experienced difference between Employees in an Organization.



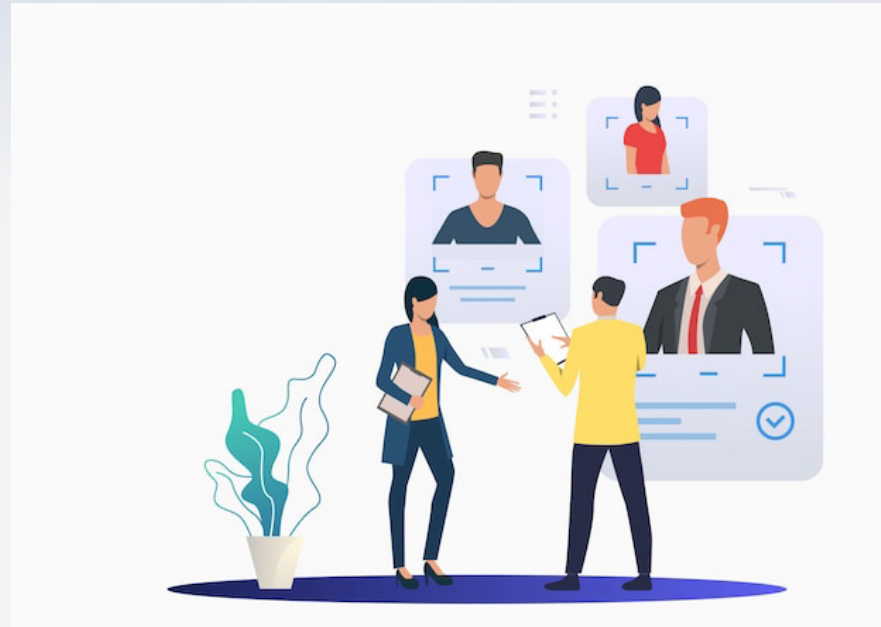
# *PROJECT OVERVIEW*

In this Project i am going to findout whether Men and Women are getting equal Salary & the age and experience difference. For that I will findout the salary of Men & Womn and see whether they are getting equal or there is a difference. To findout the age & experience, i will separate people into different categories and findout the difference.



# *WHO ARE THE END USERS?*

The End Users for my Project are Employer and Employee



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# *OUR SOLUTION AND ITS VALUE PROPOSITION*

To Find out the Answer for my question, i collected a dataset of employees with information regarding thier Age, Experience, Salary Of Both Male and Female. I will be using various Functions of MS - EXCEL so that i can find the salary of Mne and Women.



# *DATASET DESCRIPTION*

## *Features Of DataSet:*

- 1.ID
- 2.GENDER
- 3.AGE
- 4.EXPERIENCE
- 5.SALARY

The Dataset has been Extracted from Kaggle





# *THE “WOW” IN OUR SOLUTION*

- FUNCTIONS AND FORMULAS
- DATA ANALYSIS AND VISUALIZATION
- ORGANIZING AND FORMATTING WORKSHEETS
- SHORTCUTS AND PRODUCTIVITY TIPS
- SOLVING PROBLEMS AND CHALLENGES



# MODELLING

## a) MS EXCEL:

Microsoft Excel Enables users to format, organize and calculate data in spreadsheet. By organizing data using software like Excel, data analyst and other users can make information easier to view as data is added or changed.

## b) Average Function:

The average function is a statistical function that calculates the arithmetic mean of a range of numbers. It can be used to find the average of total sales, exam scores etc.



- c) Sorting Function:

Sorting helps to organize Data. You can sort a text column in alphabetical order (A - Z or Z - A). We can sort a numerical from largest to smallest or smallest to largest. We can also Sort Date and time.

- d) Filter Function:

- Filter is an essential tool helps to display relevant Data. It eliminates the irrelevant entries temporarily from the view. This tool filters data according to the criteria to help analyze the critical data points.

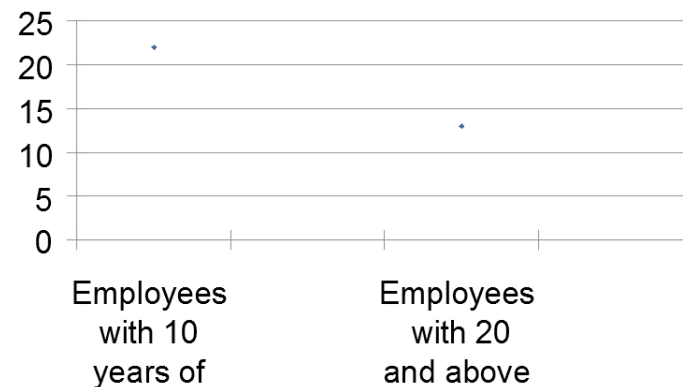
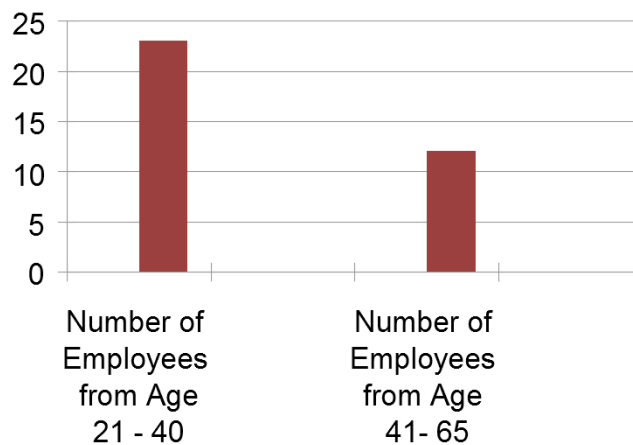
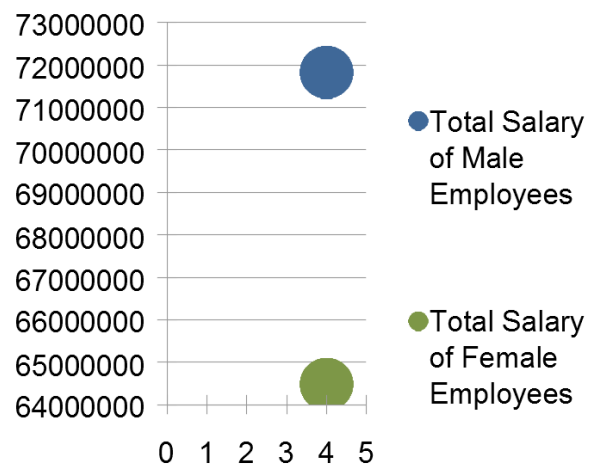


### e) Kaggle:

Kaggle is a subsidiary of Google. It is an online community of data scientist and machine learning engineers. It allows users to find datasets they want to use in building AI models, publish datasets, work with other data scientist and machine learning engineers and enter competitions to solve data science challenges.



# RESULT



# *CONCLUSION*

It has been found out that there is no equal pay between men and women. There has been a difference of around 70,00,000. It isn't good for the climate of the organization. Women employees might be mentally affected if they don't get equal pay to men. There should be equal payroll between Men and Women.

