

# *Employee Data Analysis Using Excel*

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# *Project Title*

## USING EXCEL EMPLOYEE SALARY ANALYSIS

# Agenda

PROBLEM STATEMENT

PROJECT OVERVIEW

END USERS

OUR SOLUTIONS AND PROPOSITION

DATA SET DESCRIPTIONS

MODELLING APPROACH

RESULTS AND DISCUSSION

CONCLUSION

# *Problem Statement*

WHEN SOME EMPLOYEE SALARY RECORDS ARE OUTDATED ,FIND THE CURRENT SALARY OF EACH EMPLOYEE BY ASSUMING THAT SALARIES INCREASE EACH YEAR.

CALCULATE AN EMPLOYEE'S GROSS SALARY BASED ON THEIR BASIC SALARY , HRA PERCENTAGE AND DA PERCENTAGE.

WHEN MAKING FINAL SALARY DECISIONS , EMPLOYEES NEEDS TO CONSIDER A VARIETY OF FACTORS , INCLUDING DEMOGRAPHICS.AN AUTOMATED DECISION MAKING SYSTEM CAN HELP GENERATE WAGE SUGGESTIONS.

A PROBLEM STATEMENT IS A BUSINESS DOCUMENT THAT OUTLINES AN ISSUE AND PROPOSES A SOLUTION TO PREVENT IT FROM RECURRING.

# *Project Overview*

*TO ASCERTAIN THE SALARY BASIS.*

*TO CALCULATE HOURS WORKED.*

*TO GENERATE NET SALARY.*

*SALARY IS THE AMOUNT AN EMPLOYEE IS GUARANTEED  
TO BE PAID FOR A SPECIFIC TIME PERIOD*

# Who Are The End Users?

## EMPLOYERS

USE SALARY ANALYSIS TO ENSURE THAT THEY ARE PAYING THEIR EMPLOYEES FAIRLY AND TO BENCHMARK THEIR PAY LEVELS AGAINST COMPETITORS. THEY ALSO USE SALARY ANALYSIS TO ATTRACT AND RETAIN EMPLOYEES.

## EMPLOYEES

USE SALARY ANALYSIS TO ASSESS THEIR WORTH IN THE JOB MARKET AND TO DETERMINE WHAT SALARY THEY SHOULD BE ASKING FOR IN A NEW JOB.

# *Our Solution And Proposition*

*FILTERING*

*CONDITIONAL FORMATTING*

*PIVOT TABLE*

*BAR CHART*

*COLLECTING DATA SETS*

# *Data Description*

EMPLOYEE DATA SET- KAGGLE

26-FEATURES

FEATURE- 9

EMPLOYEE ID

NAME

SALARY

JOINING DATE

GENDER

DEPARTMENT

FTE

EMPLOYEE

WORK LOCATION

# *Modelling*

DATA COLLECTION

DATA CLEANING

TECHNIQUES

RESULTS

PIVOT TABLE

CHART GRAPHS

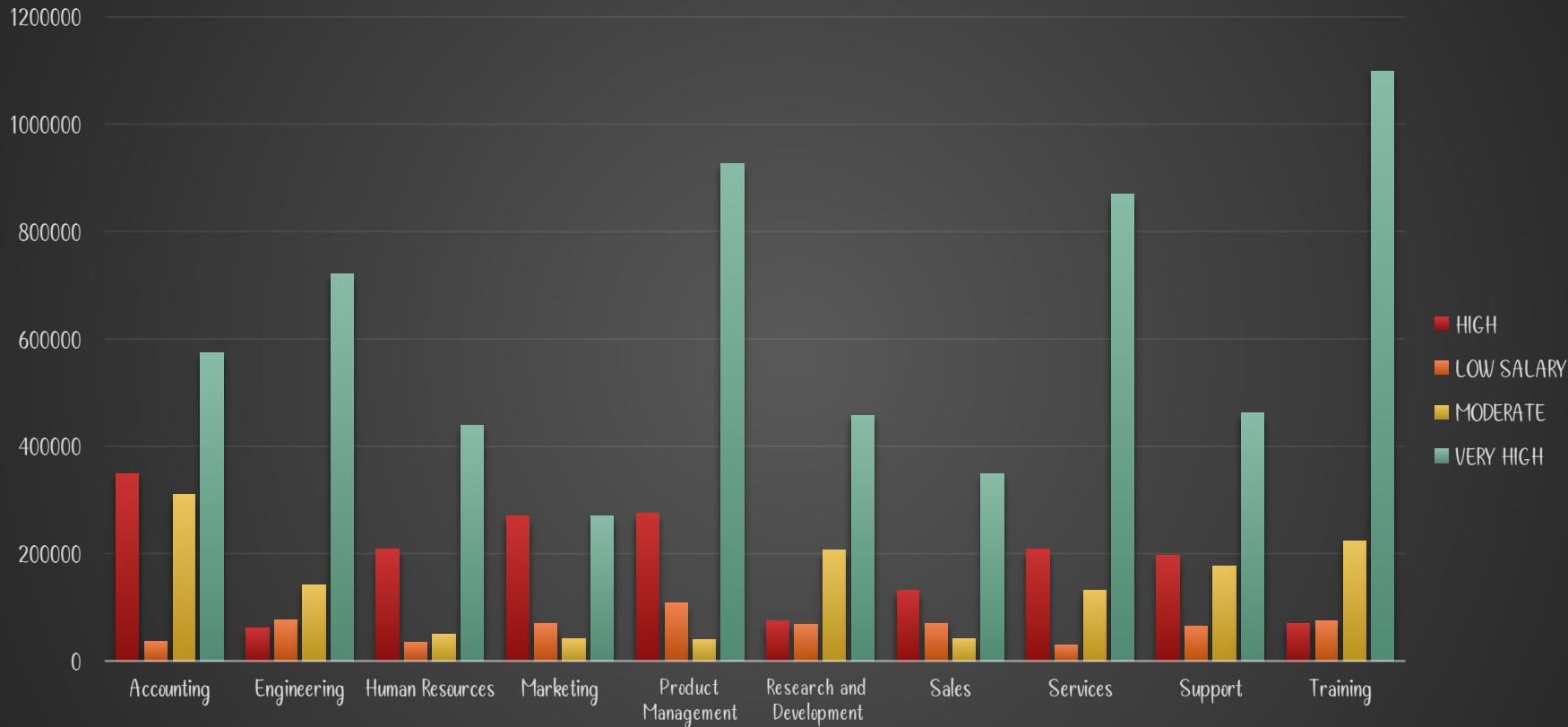
PIE CHART

SLICER

LINE CHART

# Results

## SALARY ANALYSIS



HIGH



- Accounting
- Engineering
- Human Resources
- Marketing
- Product Management
- Research and Development
- Sales
- Services
- Support
- Training

# Conclusion

FROM THE RESULT WE CAN CONCLUDE THAT THE SALARY FLUCTUATION IS VERY NOR  
VERY LESS.

IF THIS CONTINUES THERE IS A CHANCE WERE THE EMPLOYEES QUIT THEIR JOB AND FIND  
ANOTHER COMPANY.

SALARY SHOULD BE EQUAL TO ALL THE SAME DEPARTMENT EMPLOYEE.