

# **Employee Data Analysis using Excel**



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# **PROJECT TITLE**

**Employee Performance Analysis  
Based on Job role, Job level and  
Number of promotion using Excel**

# AGENDA

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



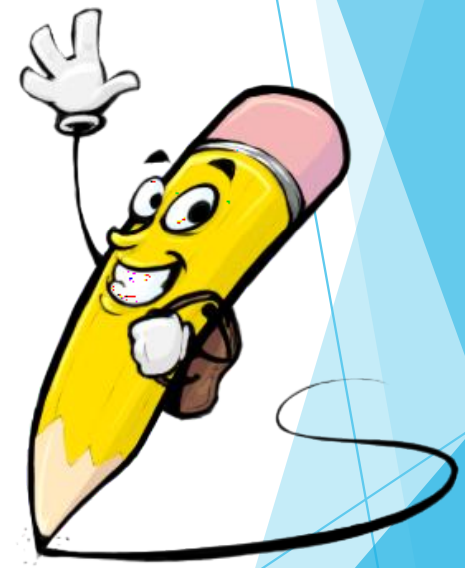
# PROBLEM STATEMENT

To analyze employee performance in relation to job role, job level, and number of promotions within the organization, leveraging Excel to identify patterns and insights that can guide performance management and career development strategies.



# PROJECT OVERVIEW

To investigate how employee performance is influenced by job role, job level, and the number of promotions within the organization, using Excel to identify key patterns and insights that can enhance performance management and career development strategies.



## WHO ARE THE END USERS?

- HUMAN RESOURCE DEPARTMENTS
- MANAGEMENT AND LEADERSHIP
- TEAM LEADERS AND SUPERVISORS
- EMPLOYEES
- EXECUTIVE LEADERSHIP
- BUSINESS ANALYSTS
- RECRUITERS

# OUR SOLUTION AND ITS VALUE PROPOSITION



**PIVOT TABLE – SUMMARY OF  
EMPLOYEE PERFORMANCE**

**BAR DIAGRAM – FINAL REPORT**

# Dataset Description

- **EMPLOYEE DATA SET: KAGGLE**

- **9 FEATURES IN EXCEL:**

EMPLOYEE ID- ALPHANUMERIC(TEXT)

AGE- NUMERICAL

GENDER- ALPHABETICAL(TEXT)

JOB ROLE- ALPHABETICAL(TEXT)

NUMBER OF PROMOTIONS - NUMERICAL

DISTANCE FROM HOME - NUMERICAL

JOB LEVEL - ALPHABETICAL(TEXT)

LEADERSHIP OPPORTUNITIES - ALPHABETICAL(TEXT)

COMPANY REPUTATION - ALPHABETICAL(TEXT)

EMPLOYEE RECOGNITION - ALPHABETICAL(TEXT)

- **3 FEATURES USED:**

JOB ROLE - ALPHABETICAL(TEXT)

JOB LEVEL- ALPHABETICAL(TEXT)

NUMBER OF PROMOTION- NUMERICAL





# THE "WOW" IN OUR SOLUTION

This analysis offers a clear understanding of how job roles, job levels, and promotions influence employee performance. By addressing the identified trends and implementing the recommended strategies, the organization can foster a more effective, supportive, and performance-driven work environment. These insights not only enhance individual performance but also contribute to overall organizational success and employee satisfaction.



# MODELLING

## STEP-1

**DOWNLOAD THE EMPLOYEE DATASET AND OPEN THE EMPLOYEE DATASET IN EXCEL.**

## STEP-2

**SELECT THE ENTIRE DATA AND CLICK ON INSERT AND CLICK ON PIVOT TABLE TO CREATE PIVOT TABLE.**

## STEP-3

**DRAW THE NEEDED DATA AND CREATE A PIVOT TABLE.**

#### **STEP-4**

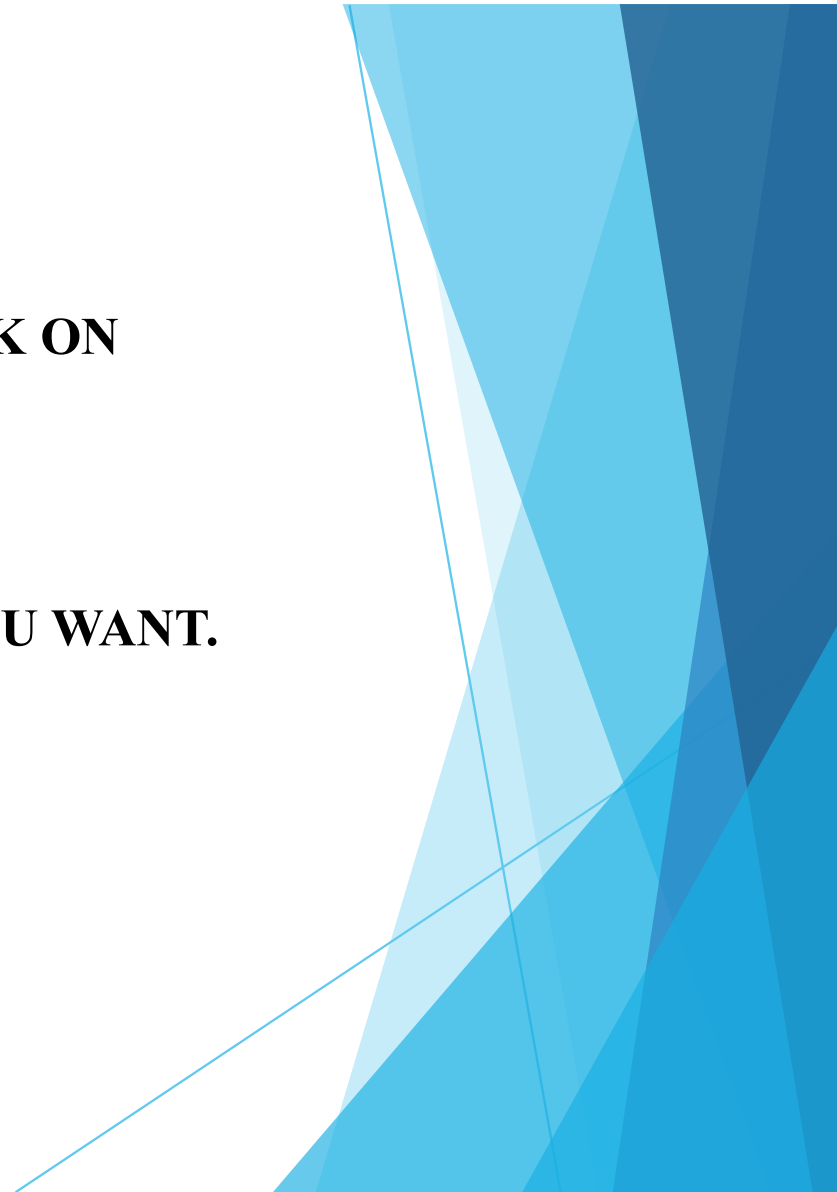
**SELECT THE PIVOT TABLE AND CLICK ON  
INSERT.**

#### **STEP-5**

**NOW CLICK ON THE CHART THAT YOU WANT.**

#### **STEP-6**

**THE CHART IS CREATED.**

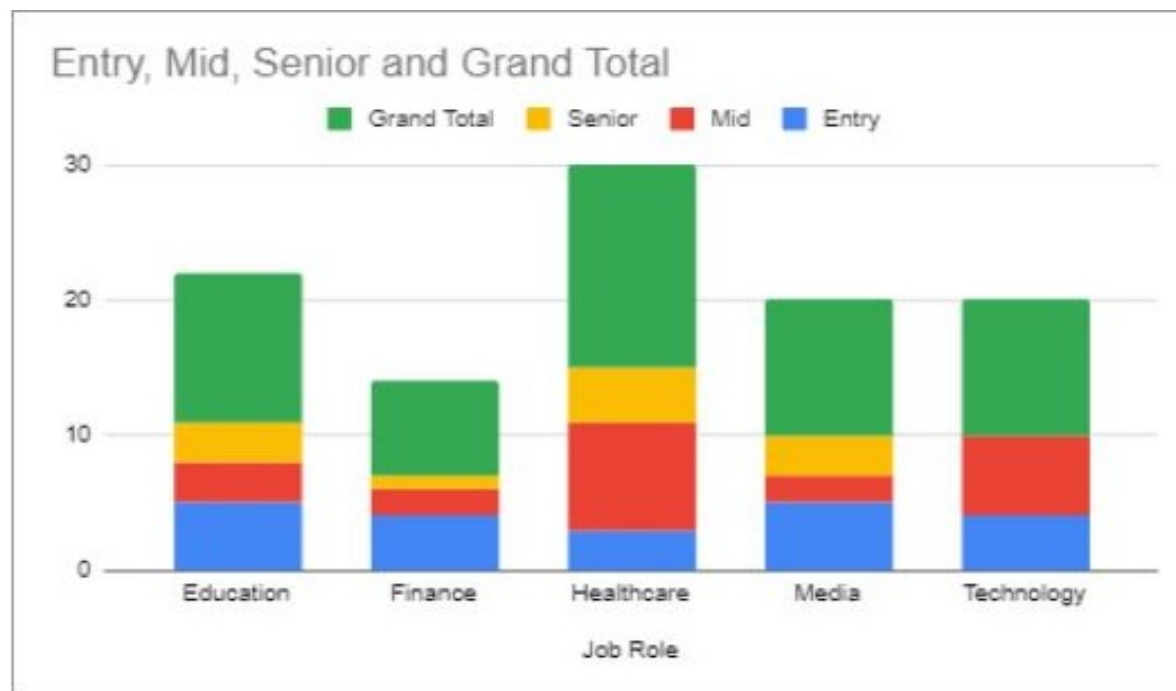


# RESULTS

## 1.TABLE

COUNTA of Gen Job Level					
Job Role	Entry	Mid	Senior	Grand Total	
Education	5	3	3	11	
Finance	4	2	1	7	
Healthcare	3	8	4	15	
Media	5	2	3	10	
Technology	4	6		10	
Grand Total	21	21	11	53	

## 2. BAR DIAGRAM



# Conclusion

The analysis of employee performance, segmented by job role, job level, and number of promotions, provides valuable insights into how these factors influence performance outcomes within the organization. By addressing the identified trends and implementing the recommendations, the organization can better support employee growth and optimize performance across all levels and roles.