Employee Data Analysis using Excel

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PROJECT TITLE

EMPLOYEE DATA ANALYSIS BASED ON JOB ROLE,LEVEL,GENDER 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

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ANALYSING EMPLOYEE DATA BASED ON JOB ROLE,LEVEL,AND GENDER USING EXCEL IS AN IMPORTANT TASK FOR HR AND MANAGEMENT TO UNDERSTAND WORKFORCE DEMOGRAPHICS, IDENTIFIES TRENDS AND MAKE DATA DRIVEN DECISIONS

PROJECT OVERVIEW

ANALYSE EMPLOYEE DATA ACROSS VARIOUS
JOB ROLE LEVELS AND GENDERS,
IDENTIFY THE TRENDS AND PATTERNS IN
JOB ROLE AND LEVEL DISTRIBUTION BY GENDER.

WHO ARE THE END USERS?

- ➢ HUMAN RESOURCE DEPARTMENT
- ➢ MANAGEMENT AND LEADERSHIP
- ➢ TEAM LEADERS AND SUPERVISORS
- ➢ EMPLOYEES
- ➢ EXECUTIVE LEADERSHIP
- ➢ RECRUITERS

OUR SOLUTION AND ITS VALUE PROPOSITION

FILTERING-REMOVE VALUES

PIVOT TABLE-SUMMARY OF EMPLOYEE PERFORMANCE

BAR DIAGRAM-FINAL REPORT

DATASET DESCRITION

EMPLOYMENT SET-KAGGLE
9 FEATURES IN EXCEL

EMPLOYEE ID-ALPHANUMERIC(TEXT)
NAME-ALPHABETICAL(TEXT)
GENDER-ALPHABETICAL(TEXT)
DEPARTMENT-ALPHABETICAL(TEXT)
SALARY-NUMERICAL
START DATE-ALPHANUMERICAL(TEXT)
FTE-NUMERICAL
EMPLOYEE TYPE-ALPHABETICAL(TEXT)
EMPLOYEE LOCATION-ALPHABETICAL(TEXT)

THE "WOW" IN OUR SOLUTION

*ANALYSIS REVEALS INSIGHTS INTO THE DISTRIBUTION OF EMPLOYEES ACROSS DIFFERENT JOB ROLES LEVELS AND GENDER.

*THE RESULTS HIGHLIGHTS AREAS OF GENDER IMBALANCE AND OPPORTUNITIES THE DIVERSITIES AND INCLUSION INTENTIVES.

MODELLING

- STEP-1
- DOWNLOAD THE EMPLOYEE DATASET AND OPEN THE EMPLOYEE DATASET IN EXCEL.
- STEP-2
- SELECT THE ENTIRE DATA AND CLICK ON DATA AND CLICK ON FILTER OPTION.
- STEP-3
- FILTER FTP FROM A TO Z ORDER
- STEP-4
- SELECT THE ENTIRE DATA AND CLOCK AND CLICK ON INSERT AND CLICK ON PIVOT TABLE TO CREATE PIVOT TABLE.
- STEP-5
- DRAG THE NEEDED DATA AND CREATE A PIVOT TABLE
- STEP-6
- SELECT THE PIVOT TABLE AND CLICK ON INSERT
- STEP-7
- NOW CLICK ON THE CHART THAT YOU WANT.
- STEP-8
- 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.SCATTER DIAGRAM
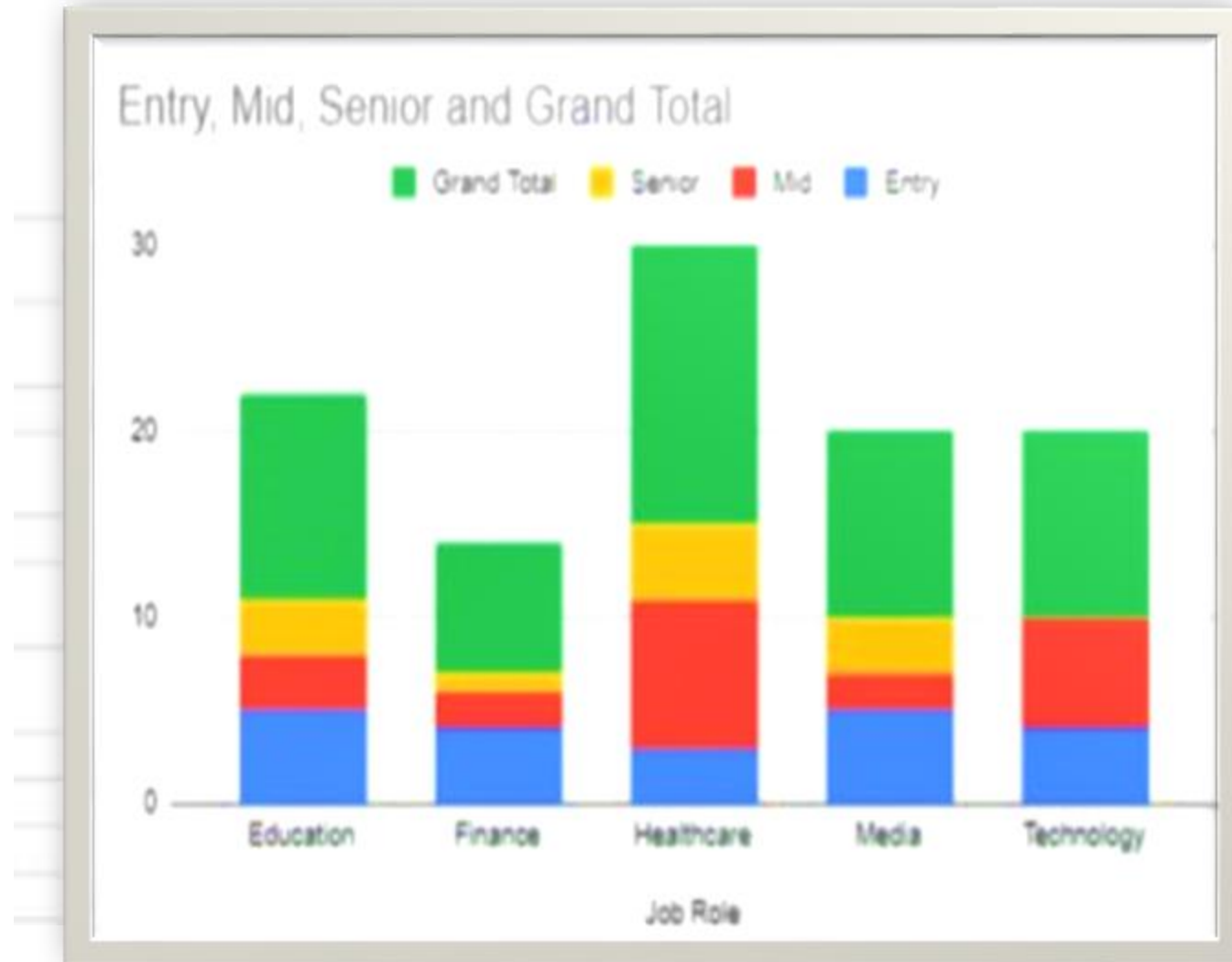
Conclusion

●THIS ANALYSIS PROVIDES VALUABLE INSIGHTS INTO EMPLOYEE DATA, HIGHLIGHTING AREAS FOR IMPROVEMENT IN DIVERSITY AND INCLUSIVE DATA.

●BY IMPLEMENTING THE RECOMMENDED INTENTIVE, THE ORGANISTION CAN PROMOTE GENDER BALANCE, ENHANCE TALENT MANAGEMENT,AND CREATE A ENCLOSIVE WORK ENVIRONMENT.