

Employee data analysis using Excel



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Project tittle

Employee performance analysis
using Excel

Agenda



- ▶ Problem statement
- ▶ Project overview
- ▶ End users
- ▶ Our solution and Proposition
- ▶ Data description
- ▶ Modeling approach
- ▶ Results and discussion
- ▶ Conclusion

Problem statement



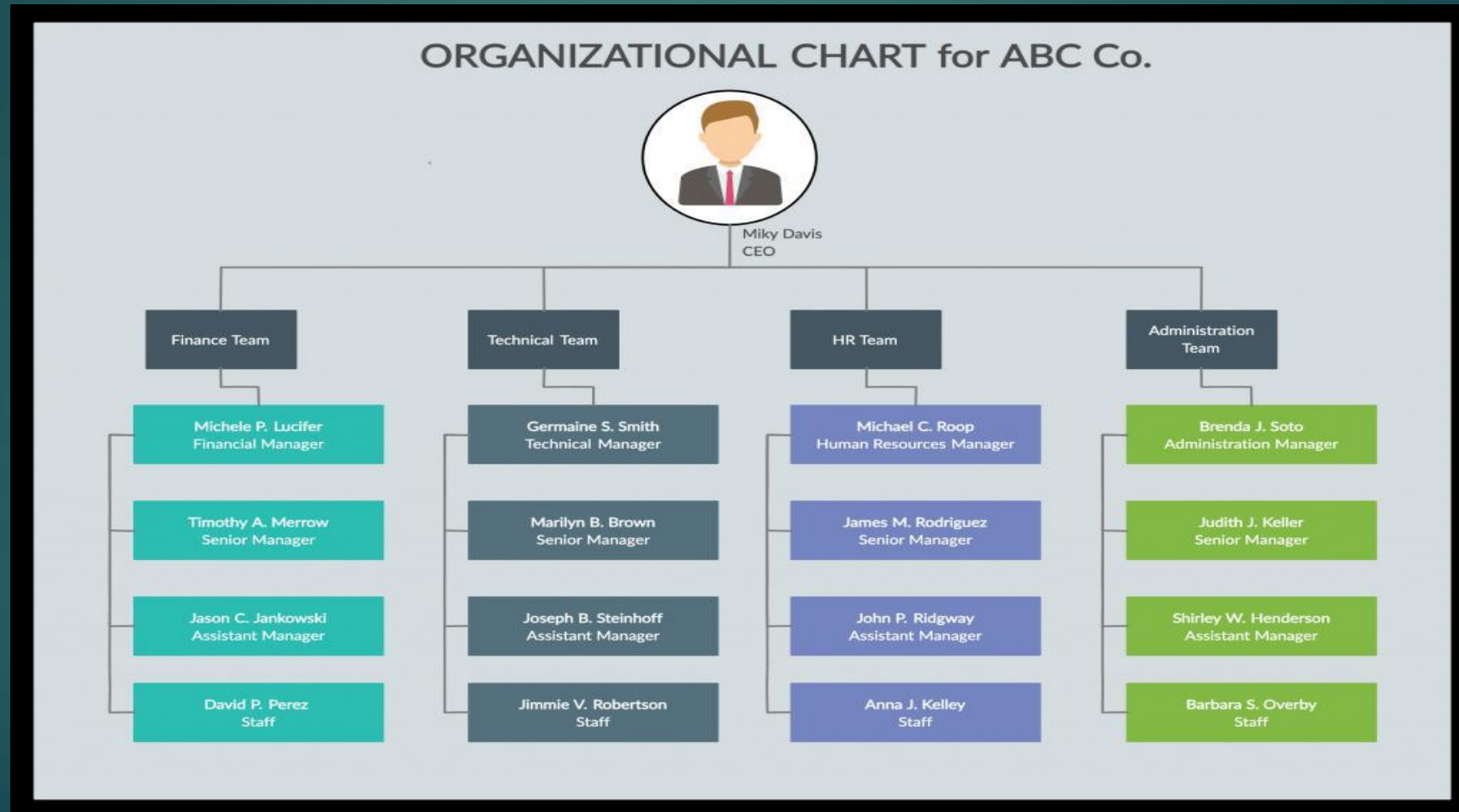
- ▶ Analysing employee performance enables organizations to optimize productivity by ensuring that employees are working efficiently and effectively towards their goals.

Project overview



Analyze the Salary of the employee By considering various factors like Gender, employee ID, Start date, employee type, department etc. Different categories of employee salary like Very high, high, medium and low .

Who are the end users?



Our solution and It's value proposition

- ▶ Conditional formatting – missing
- ▶ Filter – Remove
- ▶ Formula – performance level
- ▶ Pivot – summary
- ▶ Graph – data visualization

Dataset description

- ▶ Employee dataset – edunet dashboard
- ▶ 26 - features
- ▶ 9 – features
- ▶ Employee id – numerical value
- ▶ Name – text
- ▶ Gender – text
- ▶ Salary – numerical value
- ▶ Start date – numerical value

The “wow” in our solution

- ▶ We use this formula
- ▶ `ifs(z8>=5,"very high",Z8>=4,"high",z8>=3,"med", true", low")`

Modeling



Data collection

- ▶ Nan mudhalvan
- ▶ Edunet dashboard

Feature selection

- ▶ 26 features
- ▶ 9 features

Data Cleaning

- ▶ Colour blank values
- ▶ Filter – remove blank values

Salary level

- ▶ Very high
- ▶ High
- ▶ Medium
- ▶ Low

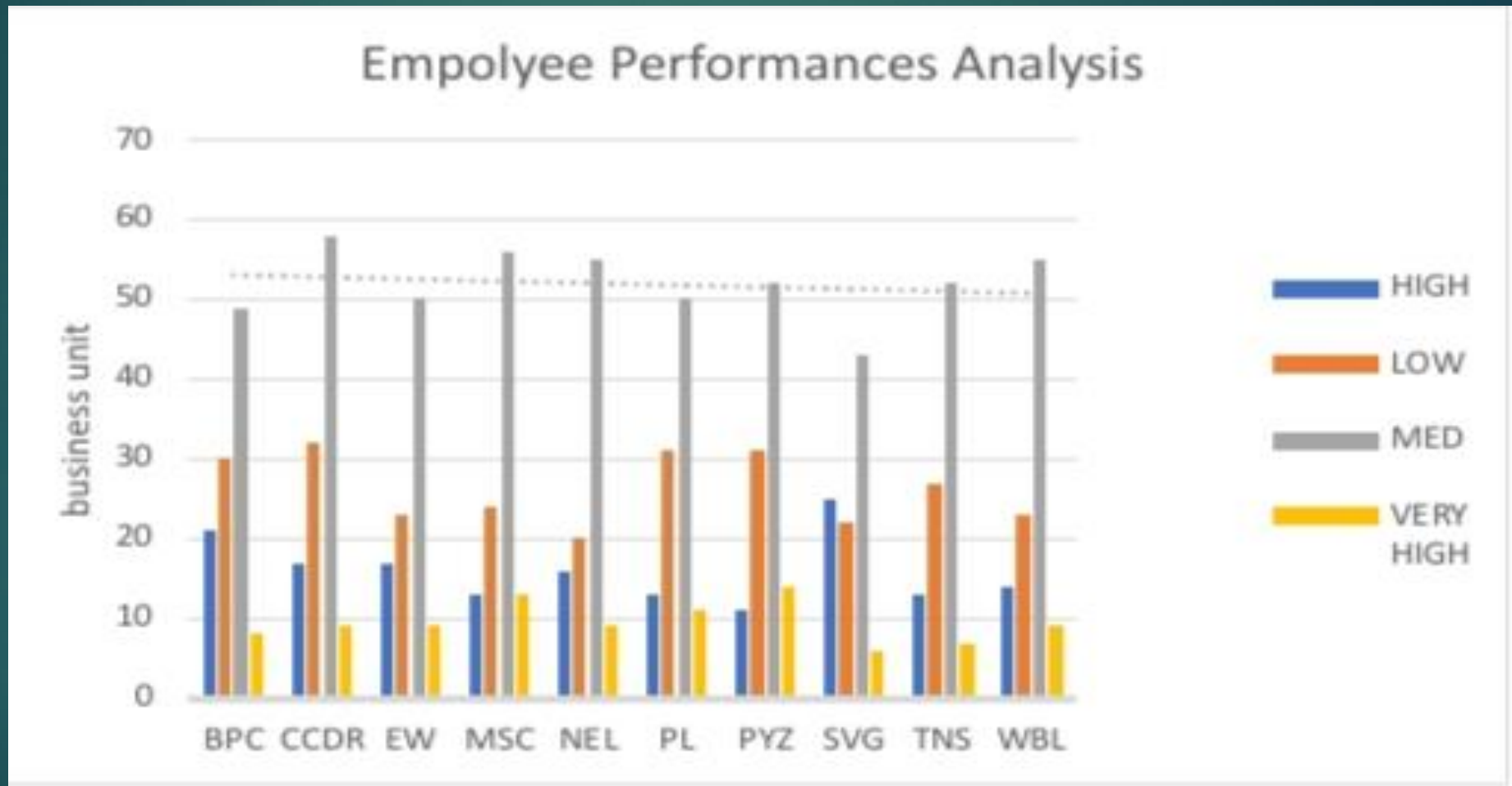
Pivot table

- ▶ Employee id
- ▶ Name
- ▶ Gender
- ▶ Salary
- ▶ Salary level
- ▶ Start date
- ▶ Employee type

Chart

- ▶ Employee id
- ▶ Name
- ▶ Gender
- ▶ Salary
- ▶ Salary level
- ▶ Start date
- ▶ Employee type
- ▶ Data visualization

Results



Conclusion



- ▶ While comparing The salary level Of the employee , the employees are getting Their salary According to Their Employee type and start date.