



Objective

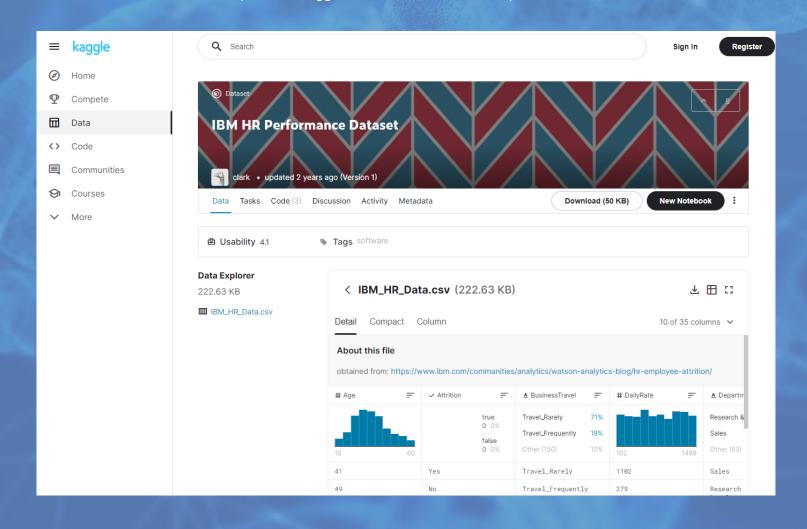
Post aftermath of the COVID-19 pandemic, the medical sales division wants to budget their expenditure for effective operations and management. The management team wants to find out how the employees is performing in company during this economic down period. The analysis will be done on HR database for last year, and will be focus on the 3 main areas as follows:

- 1. Employees background
- 2. Employees performance analysis
- 3. Attrition analysis

With the insights gains, the company can improve individual staff performance, and also drives decision making in retaining talents, and better manage budgets for hiring to help the business in the recovering economy.

Dataset from Kaggle

Source: https://www.kaggle.com/clarkamistad/ibm-hr-performance-dataset



Employee Overview

1470
EmployeeCount

Female

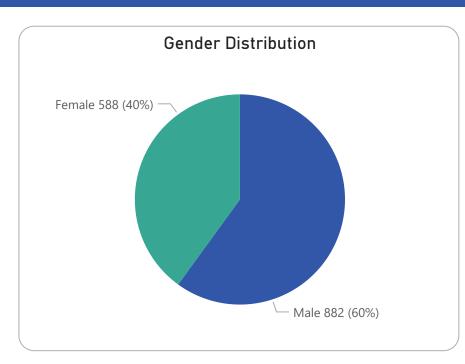
Male

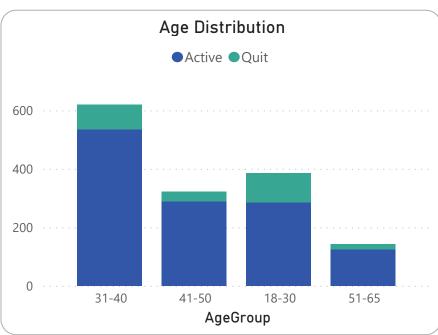
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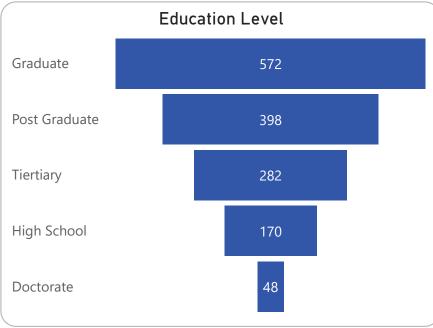
Active

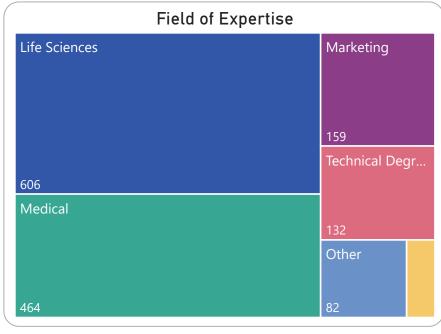
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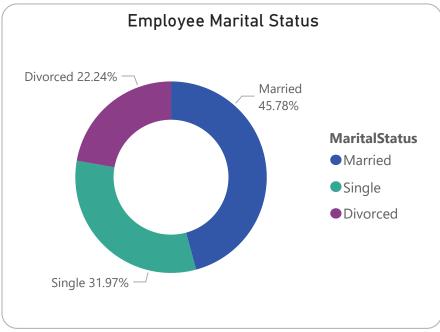
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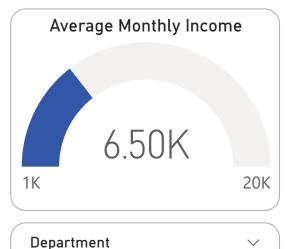




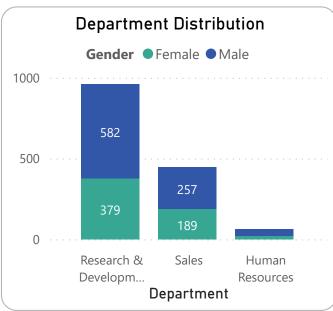


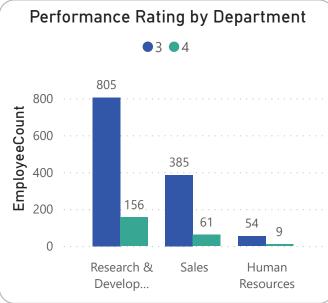


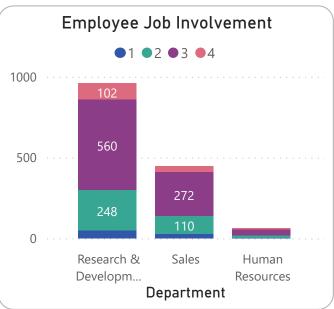
Performance Analysis

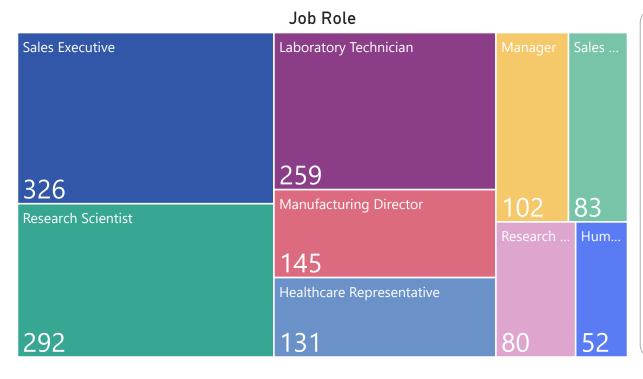


All

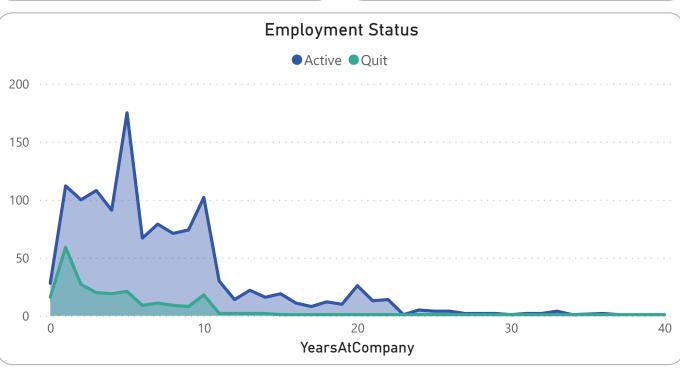




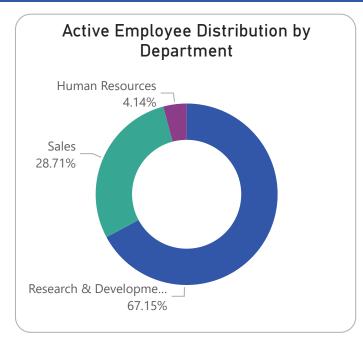


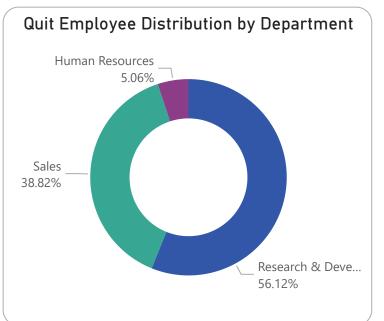


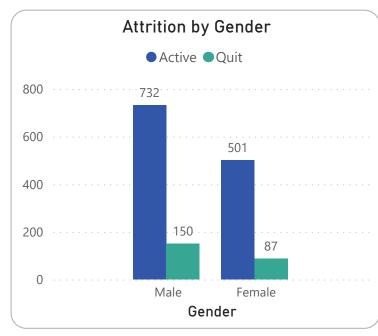
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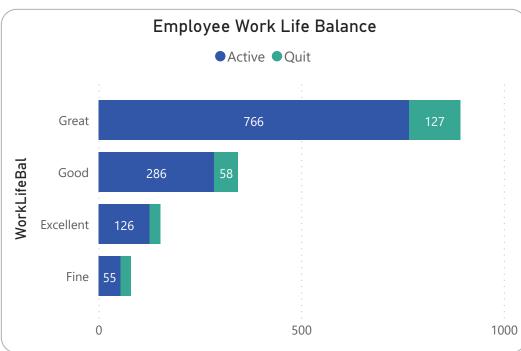


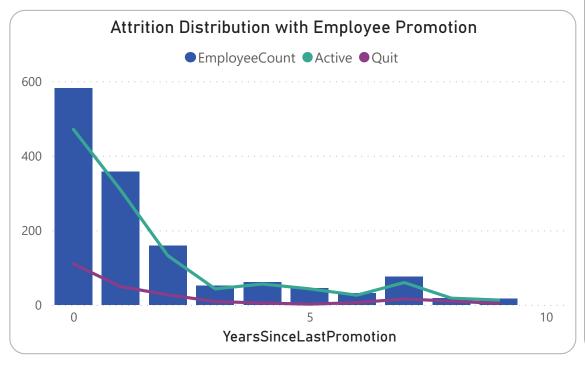
Attrition Analysis











Human Resourc...

63

Total Employee

51

Active

12

Quit

Research & Dev...

961

Total Employee

828

Active

133

Quit

Sales

446

Total Employee

354

Active

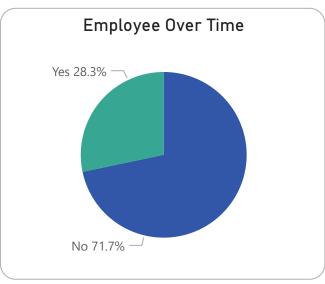
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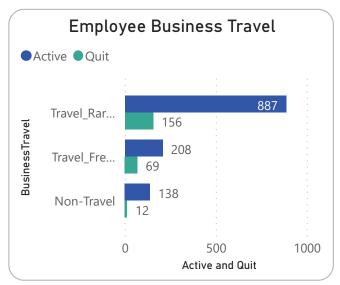
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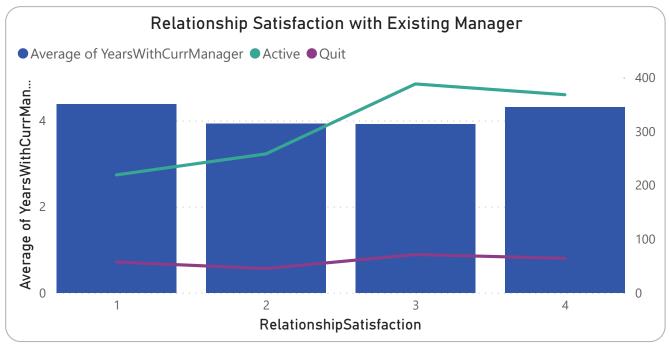
Attrition Analysis Details

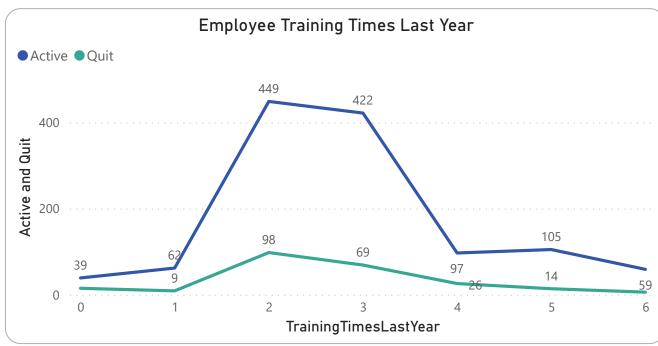
Human Resources Research & Development Sales











Findings & Recommendations

Findings

- 1. Significant number of employees has a degree in the field of life sciences and medical, majority age of 31-40.
- 2. Significant number of employees work with the company for less than 10 years.
- 3. Highest churn of employees are males between age of 31-40 from the research and development department.
- 4. Employee will leave the company within the first 3 years if they are not promoted to a senior role.
- 5. Estimate about 20% of the employees that receive training 2-3 times last year has left the company.

Recommendations

- 1. Review the age of hiring new employees in the company, consider hiring more experienced professional to train the younger employees.
- 2. Encourage longer tenure of employment and identify areas to engage and involve interest across different job functions or projects.
- 3. Retaining staff by reviewing and prospecting potential employee due for promotion.