



# Employee Attrition Analysis

This presentation explores employee attrition data to understand the factors driving employee turnover and identify potential solutions for improving retention.



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# Data View

## Dataset Overview

The dataset contains information on 1,470 employees and 41 features.

## Key Categories

- Employee Demographics
- Job Role & Department
- Performance & Satisfaction
- Work-Life Balance & Experience
- Attrition Details



# Project Objective

1

## Understanding Attrition

Identify factors leading to employee exits.

2

## Improving Retention

Find trends in job satisfaction and performance.

3

## Optimizing Work-Life Balance

Evaluate work-life balance across roles and departments.

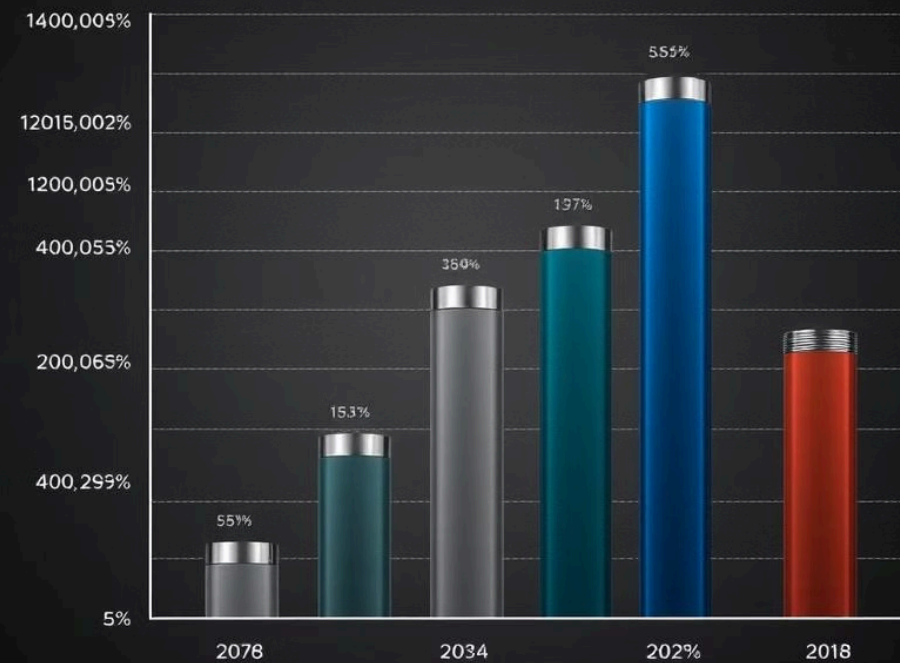
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## Department-wise Productivity

Analyze performance rating trends across different teams.

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## Summary Statistics

16.12%

Attrition Rate

Employees who left the company.

11.28

Average Working Years

Years of experience.

2.76

Work-Life Balance

Rating on a scale of 1 to 4.

# Gender & Department Distribution

## Gender

- Male: 882 employees
- Female: 588 employees

## Department

- R&D: 961 employees
- Sales: 446 employees
- HR: 63 employees



1,470 employees in the dataset.



R&D: 961, Sales: 446, HR: 63.

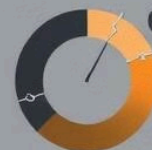


16.12% of employees left the company.



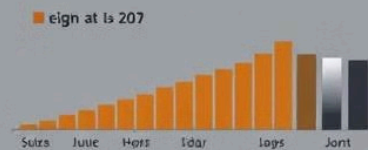
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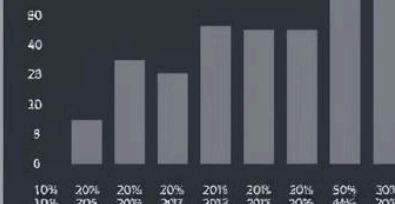
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- 20% - 40%
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- 75% - 60%
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### 3. Employee & Attration



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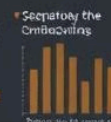


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Year	Public Health	Healthcare
2010	45	65
2011	55	75
2012	65	85
2013	75	95
2014	85	85
2015	95	75
2016	85	65
2017	75	55
2018	65	45
2019	85	75