



INFORMATION
TECHNOLOGY
INSTITUTE

EMPLOYEE ATTRITION ANALYSIS

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2024

OVERVIEW

2024

PROJECT OVERVIEW

ABC Corporation is a multinational company facing challenges with employee attrition.

The company is keen on understanding the factors contributing to attrition to develop strategies for retention and talent management.

IDENTIFY KEY DRIVERS OF ATTRITION

Determine the primary factors influencing employee attrition within the organization

SEGMENTATION ANALYSIS

Analyse attrition rates across different segments such as departments, job roles, genders, education levels, etc., to identify high-risk groups

DASHBOARD AND REPORTING

Design an interactive dashboard to present insights and recommendations to stakeholders effectively

DIMENSIONAL MODELING

IDENTIFY BUSINESS PROCESS

The **attrition** is the primary business process we are focusing on.
As such, our attention will be directed towards key metrics, specifically the **attrition rate** and **total attrition**.

DECLARE THE GRANUALITY

In the context of our model, we Identify the **employee** as our grain.

IDENTIFY THE DIMENSIONS.

We defined three primary **dimensions** for analyzing attrition:

- 1.Employee Information
- 2.Employee Survey Data
- 3.Employee Key Performance (KPIs)



Attrition Dashboard

According to Employee Info



Total Employees

4410

Total Attrition

711

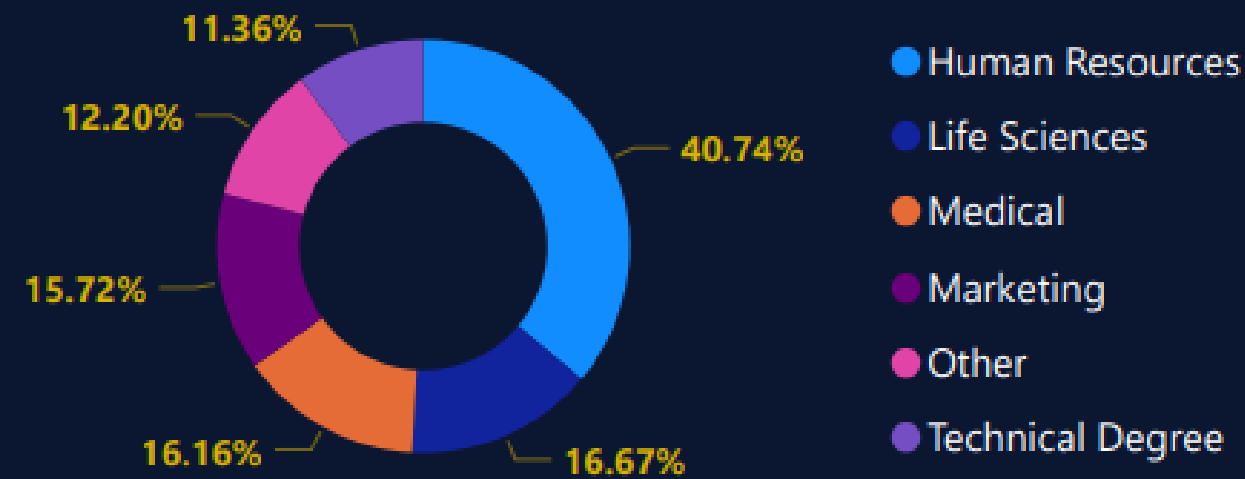
Attrition Percentage

16.12%

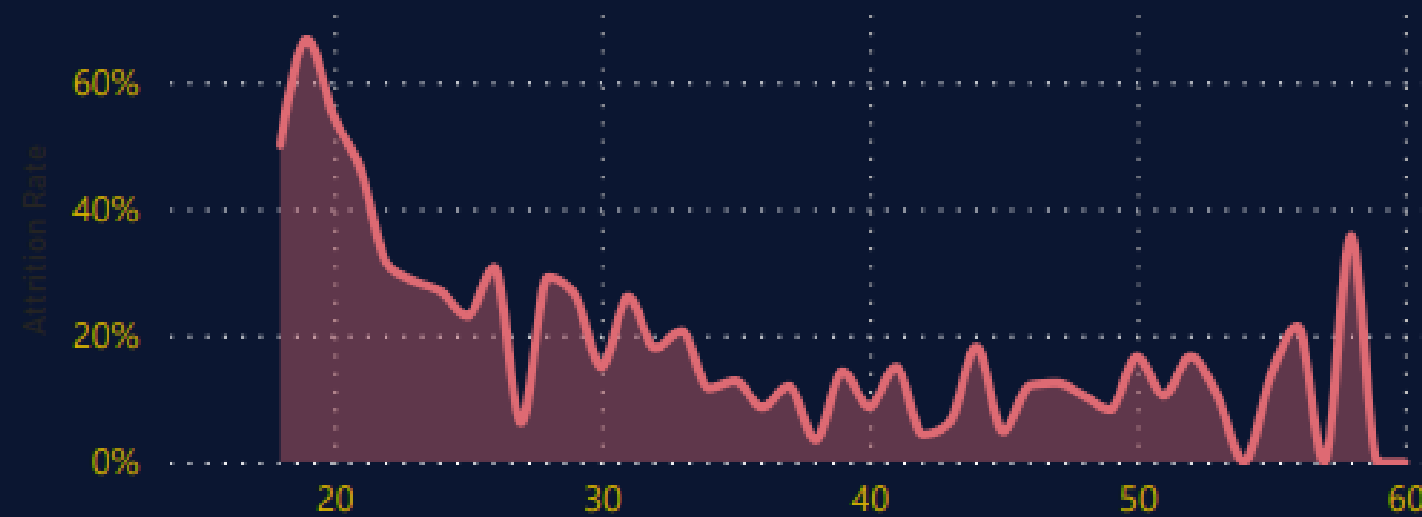
Average Years In Company

7.01

Attrition Rate by Education Field



Attrition Rate by Age



Gender

- ☐ Female
- ☐ Male

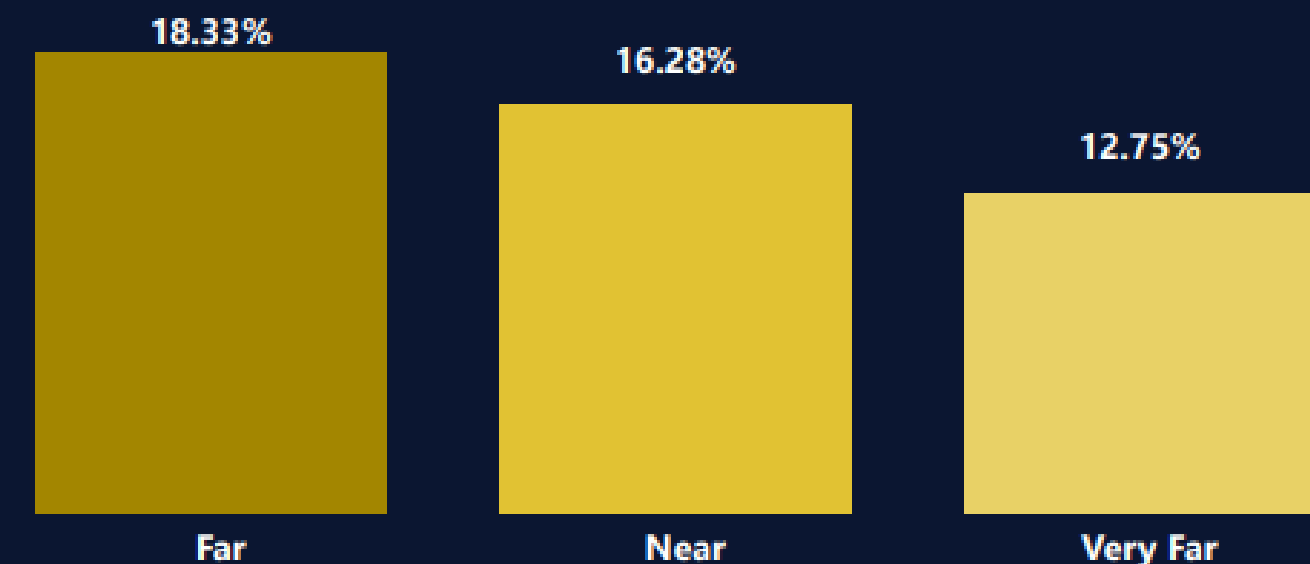
Department

- ☐ Human Resources
- ☐ Research and Develop...
- ☐ Sales

Attrition Rate by Salary Range



Attrition Rate by Distance From Home





Attrition Dashboard

According to Employee Survey



Rectangular

Total Employees

4410

Total Employee

By High Job Satisfaction

2690

Total Employee

By High Job Work Life Balance

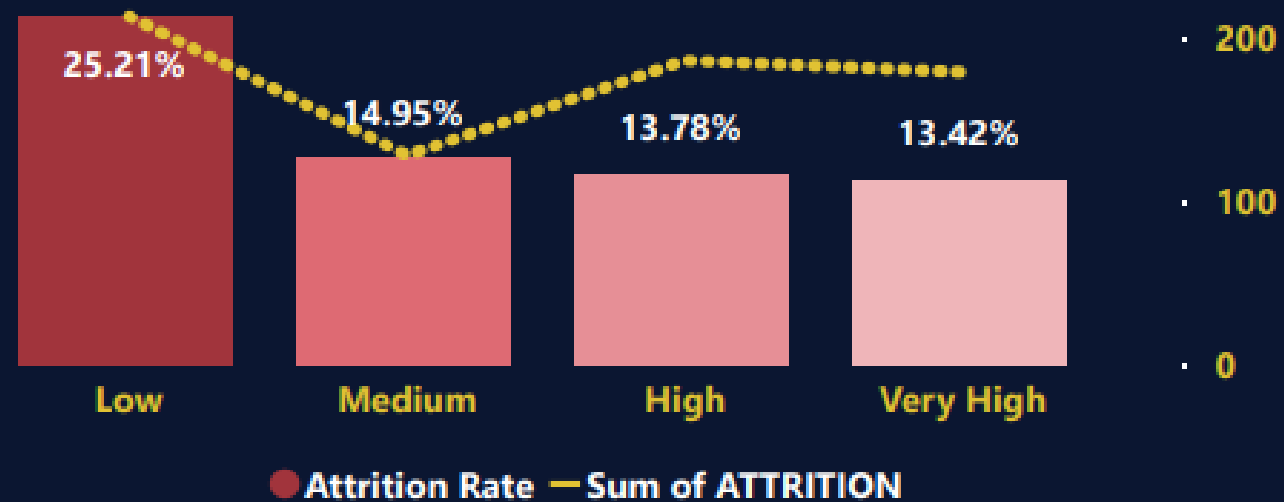
3083

Total Employee

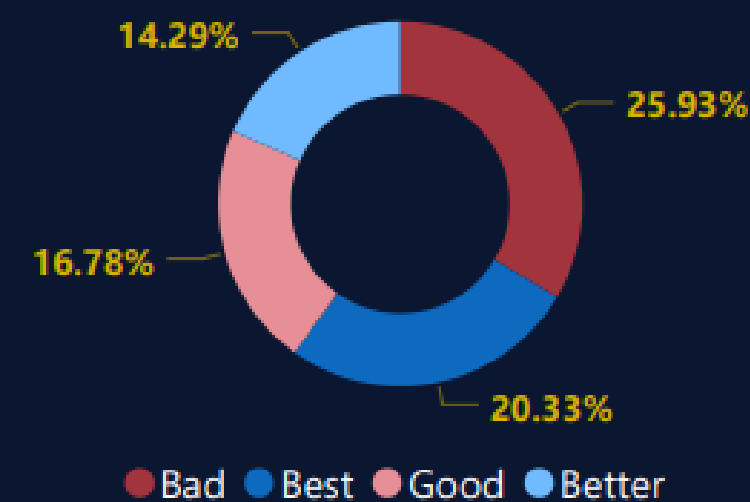
By High Environment Satisfaction

2684

Attrition Rate by Environment Satisfaction



Total Attrition by Work Life Balance



Gender

- ☐ Female
- ☐ Male

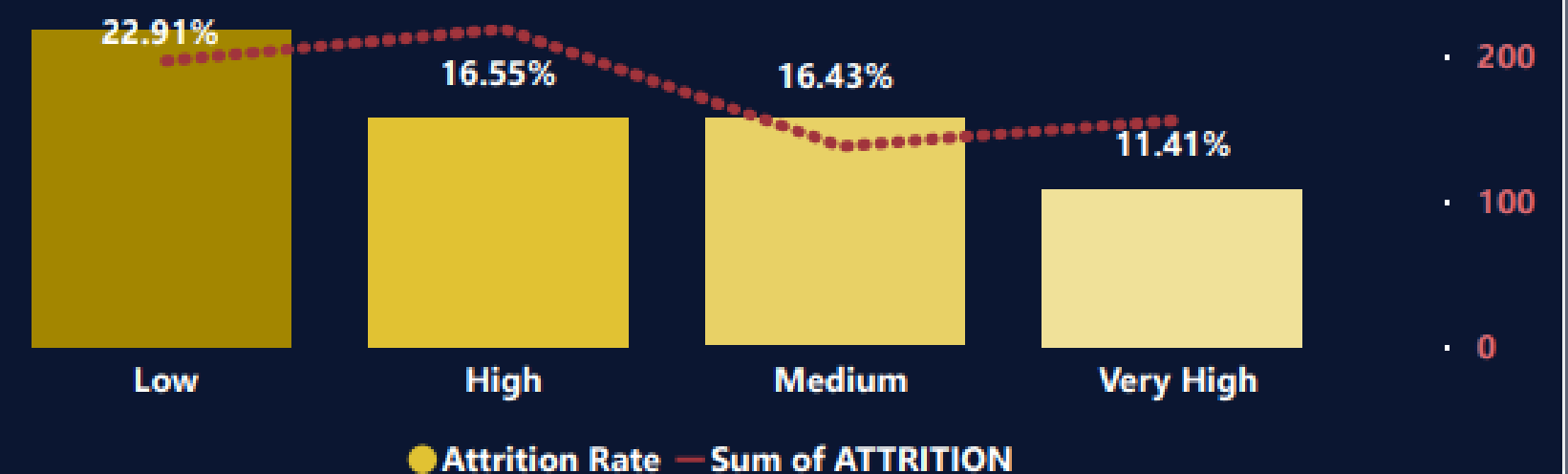
Department

- ☐ Human Resources
- ☐ Research and Develop...
- ☐ Sales

Attrition Rate by Job Involvement



Attrition Rate by Job Satisfaction





Attrition Dashboard

According to Employees KPIs



Total Employees

4410

Average Overtime Hours

0.83

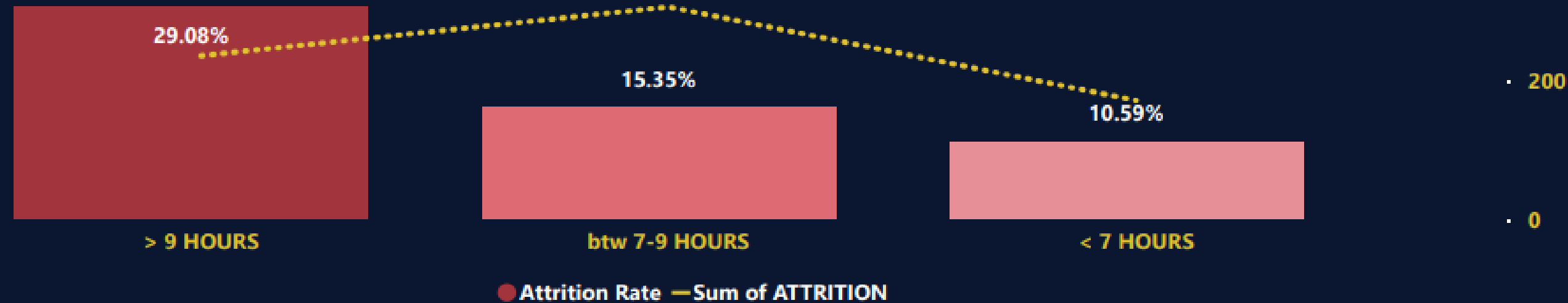
Average Working Hours

7.69

Average Absent Days

12.73

Attrition Rate by AVG Working Duration



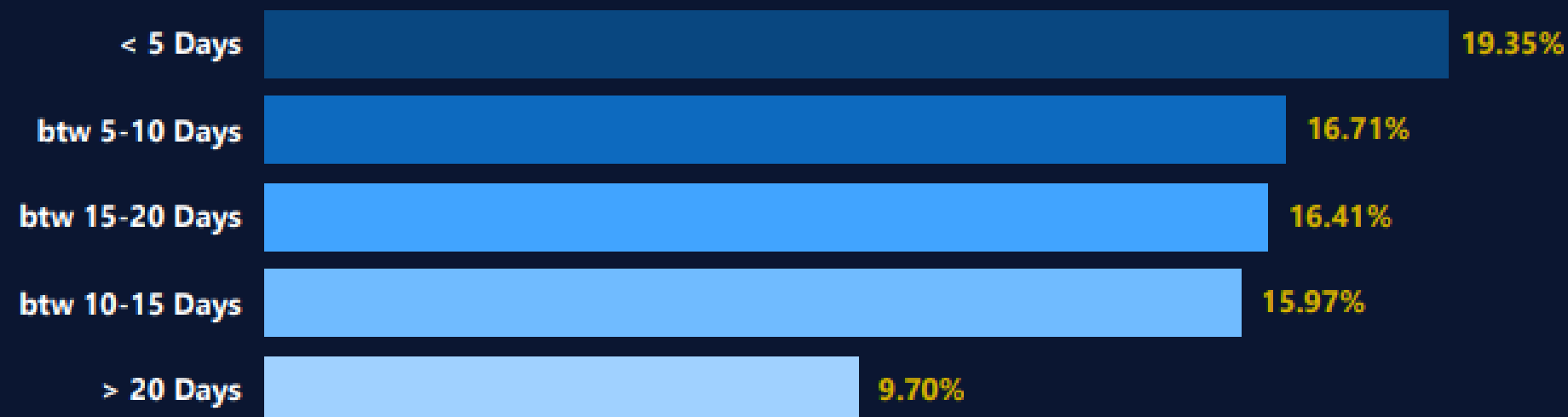
Gender

- ☐ Female
- ☐ Male

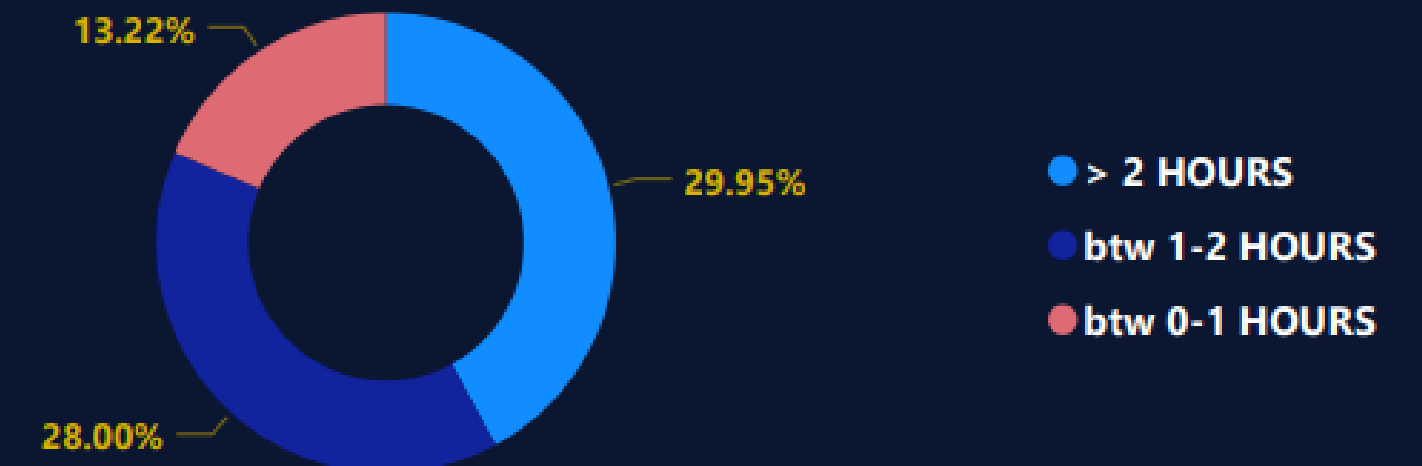
Department

- ☐ Human Resources
- ☐ Research and Develop...
- ☐ Sales

Attrition Rate by Total Absent Days



Attrition Rate by AVG Over Time Duration



INSIGHTS

2024

KEY FINDINGS AND INSIGHTS

Younger employees with **college** degrees tend to leave the company more often than older employees with higher education.

The highest attrition rate, at **36.1%**, is observed among employees with a background in the **Human Resources** field,

The segment with the **lowest** salary range, up to 20K, have the highest attrition rate, reaching **24.2%**.

People with **Bad** work life Balance, **Low** Job Satisfaction and **low** Environment Satisfaction represent the majority of attrition rate with percentages of **31.38%**, **22.9%** and **25.21%** respectively.

Employees with the **highest** AVG Working Duration, **Highest** AVG Overtime Hours and the **Fewest** with Absent days are likely to be the highest in the attrition rate

RECOMMENDATIONS

01

- For Younger Employee, Provide career development paths and mentorship.
- Review salaries and offer advancement opportunities For employees in the lowest salary range

02

- Offer remote work options and transportation assistance for Employees reside far from home
- Encourage participation in decision-making and offer training For employees with low job involvement

04

- Conduct regular feedback sessions and provide stress management resources for those with work-life balance, job satisfaction, and environment issues.

03

- Implement workload management and encourage breaks for those with high working duration and overtime