#### Analyzing the Factors Influencing Employee Satisfaction and Performance

Insights from Employee Performance and Satisfaction Data

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#### 01

#### Introduction

Overview of the analysis purpose Key metrics and data sources

04

#### Psychographic

Work-life balance and training affect job satisfaction levels.

Agenda 02

#### Demographic

Age, gender, education, and marital status impact job satisfaction.

05

#### **Behavioral**

Performance ratings and overtime impact job satisfaction rates.

03

#### Geographic

Distance from home and state influence attrition rates.

06

#### **Key Findings**

Summary of critical trends observed in the data



# Overview!

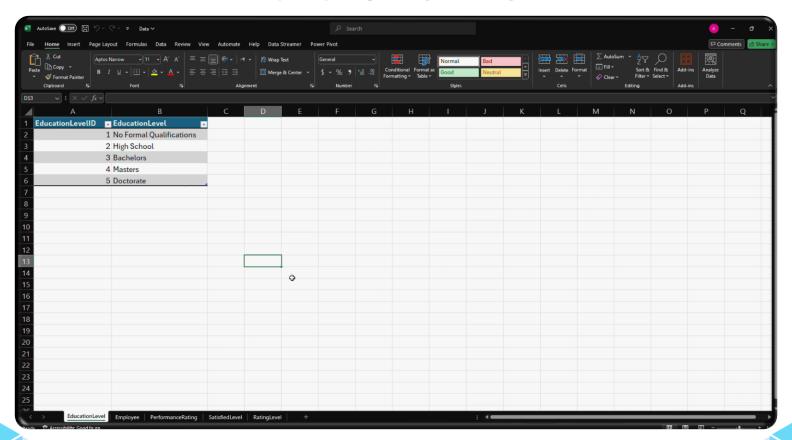
This presentation explores the interconnected factors affecting employee satisfaction, performance, and attrition rates within their organization.

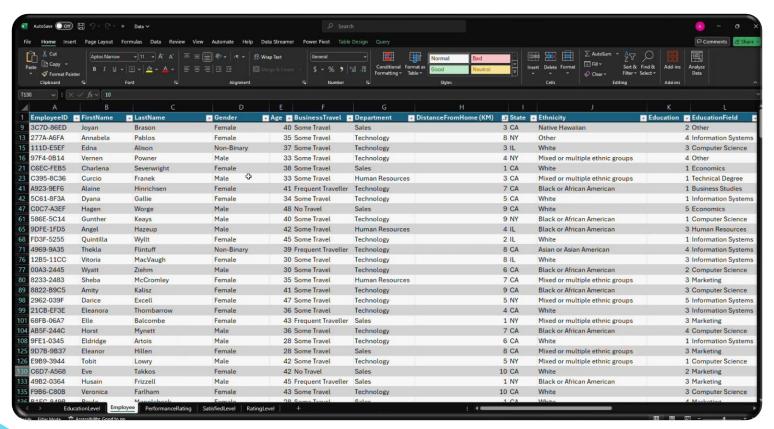
### **Contents of Our Data**

#### we will present a detailed overview of the data we have gathered

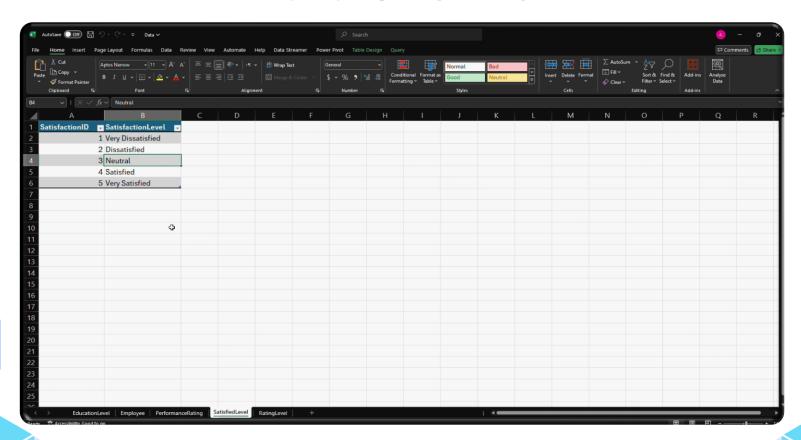
Education Level Data	Provides insights into the education backgrounds of employees, highlighting their qualifications and the correlation with job performance and salary.		
Employee Data	A comprehensive list of employees, including demographic details such as age, gender, marital status, and job roles.		
Performance Rating Data	Tracks individual performance metrics, capturing data from employee reviews and assessments over time.		
Rating Level Data	Details performance ratings for employees, evaluating their overall contributions and effectiveness in their roles.		
Satisfied Level Data	Contains information on employee satisfaction ratings, categorized by various factors such as job satisfaction and work-life balance.		

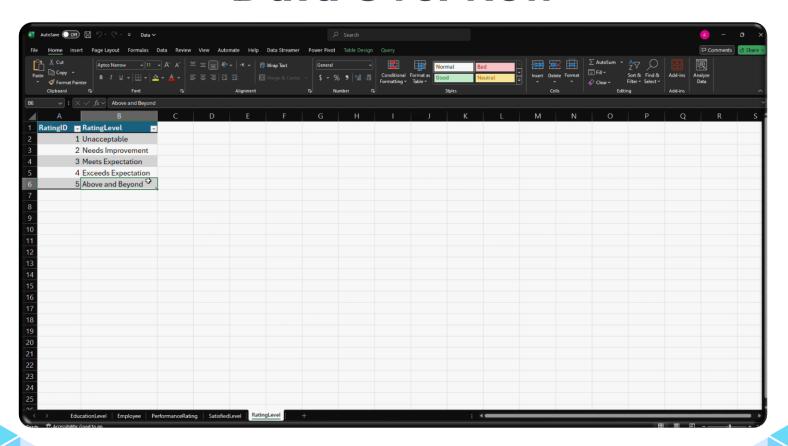
For more info: Kaggle | BLOG | FAQs



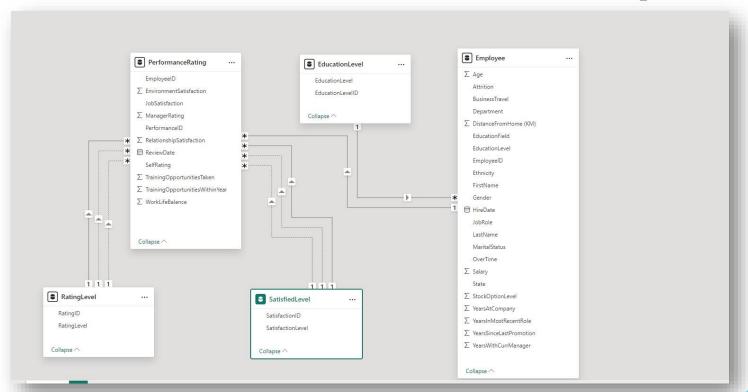


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PR07	9E7A-1F70	1/8/2013	3	4	5	2	1 5		
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PR10	774E-685D	1/11/2013	5	4	3	2	3 4		
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PR1000	528C-3E0D	3/16/2016	4	4	2	2	2 4		
PR1001	D077-169C	3/17/2016	3	5	3	2	2 3		
PR1002	9727-BC84	3/18/2016	4	3	3	2	2 2		
PR1003	DA8E-9496	3/18/2016	3	5	4	1	0 5		
PR1004	DEC5-9319	3/18/2016	3	4	3	2	3 2		
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PR1006	9C57-828C	3/19/2016	5	4	2	1	1 2		
PR1007	E1B4-9AA1	3/22/2016	5	4	3	3	2 3		
PR1008	3CD6-5587	3/23/2016	5	4	2	2	0 4		
PR1009	BAFA-86DF	3/23/2016	3	3	4	2	1 2		
PR101	152E-8DB1	4/12/2013	5	2	5	1	0 5		
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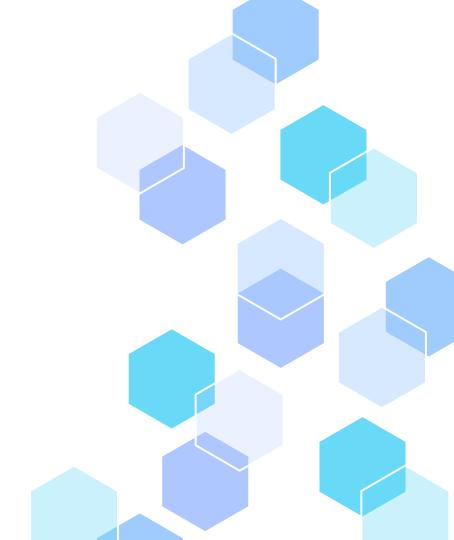


## Overview of the relationships



# O1 Introduction

Overview of the analysis purpose



## Data analysis Of Our Data







#### **Collection**

Gather comprehensive HR data, including demographics and attrition rates.



#### Cleaning

Ensure dataset reliability by handling missing values and so on.



#### **Exploratory**

Identify trends and patterns in employee data



#### **Statistical**

Examine relationships between variables using statistical techniques to derive actionable insights.

#### Visualization

Utilize visual tools like Treemaps and bar charts to effectively communicate key findings.

#### **Hypothesis**

Formulate and test hypotheses to validate insights and support data-driven decisions.

## The Analysis Purpose Of Our Data

We will delve into a comprehensive analysis of our employee dataset, which comprises five key tables. Each table provides critical insights into various aspects of **employee performance**, **satisfaction**, and **demographics**. By **examining** these tables, we aim to uncover **meaningful patterns** and **relationships** that can inform **strategic decisions** within our organization.



# Data Analysis



## **Key Metrics Of Employees**







#### **Total Employees**

Total number of employees of our data

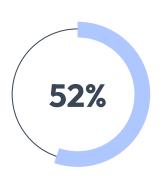
#### Male

representing the proportion of males relative to the whole.

#### **Female**

representing the proportion of females relative to the whole.

## **Key Metrics Of Marital Status**







#### **Married**

A committed individual in a legal partnership, balancing work and family responsibilities.

#### Single

An independent individual without a current romantic partner

#### **Divorced**

A previously married individual who has legally ended their marriage.

## **Key Metrics Of U.S. states**







#### California

California has the highest number of employees in across various sectors

#### **New York**

New York boasts a high number of employees across various sectors

#### Illinois

Illinois has a significant number of employees across various sectors

# 146,549,982

Total salary is the complete compensation an employee receives

# Final Dashboard





# **Key Findings**

# Suggested Ideal Employee



# Thanks!

Do you have any questions?



