

### **1. Environment Satisfaction Trend**

Type: Line chart

Purpose: Shows how satisfaction with the work environment has changed over time. This helps identify periods where satisfaction improved or declined.

### **2. Job Satisfaction Analysis**

Type: Heatmap

Purpose: Compares job satisfaction ratings across departments. This helps identify departments where employees feel most or least satisfied.

### **3. Satisfaction Levels by State**

Type: Map

Purpose: Provides a geographic view of job and environment satisfaction levels across different states.

### **4. Satisfaction vs. Training Participation**

Type: Scatter plot

Purpose: Shows the relationship between training opportunities taken and job or environment satisfaction.

### **5. Manager Rating of Employees**

Type: Highlighted table

Purpose: Focuses on individual employees' manager ratings, helping managers identify employees who may need more guidance or recognition.

### **6. Manager Rating Progression**

Type: Line chart

Purpose: Displays changes in manager ratings over time, helping to see if the trend is improving or declining.

### **7. Employee Demographic Overview**

Type: Bar chart

Purpose: Shows the age distribution of employees by department and gender, helping to understand the workforce structure.

## **8. Performance Trends Over Time**

Type: Line chart

Purpose: Tracks how manager and self-ratings have evolved over time, showing trends in performance evaluations.

## **9. Work-Life Balance by Gender**

Type: Box plot

Purpose: Compares work-life balance ratings between genders, highlighting any disparities.

## **10. Education Level Distribution**

Type: Bar chart

Purpose: Displays the count of employees by education level, helping understand the educational qualifications of the workforce.

## **11. Departmental Summary**

Type: Bar chart

Purpose: Summarizes each department's performance based on manager ratings, helping identify which departments perform well or need support.

## **12. Yearly Training Opportunities**

Type: Area chart

Purpose: Tracks training opportunities over time, showing if the company is providing more or fewer opportunities.

## **13. Travel and Distance Impact**

Type: Bubble chart

Purpose: Shows the relationship between travel frequency and distance from home, helping assess how travel impacts employees based on distance from work.