# 1. Employee Satisfaction Analysis

1. Are employees with higher satisfaction levels linked to specific managers? (Job Satisfaction, Years with Current Manager) - \*Radar Chart\*: Manager performance metrics (e.g., satisfaction, attrition, team performance).
2. How does training impact employee satisfaction?
3. What is the effect of the work-life balance score on job satisfaction? (Work-Life Balance, Job Satisfaction) - \*Scatter Plot\*: Work-life balance score vs. job satisfaction (annotated with outliers). \*Pie Chart\*: Proportion of employees in different work-life balance tiers (Poor/Good/Excellent).
4. What are the Percentile(Quartiles) values for each of the satisfaction ratings (Environment, Job, Relationship)? (Environment Satisfaction, Job Satisfaction, Relationship Satisfaction)\*Box Plot\*
5. How is satisfaction distributed among employees? (Job Satisfaction, Relationship Satisfaction, Environment Satisfaction – Distribution Analysis)
6. what is the relation between the employees ages and their satisfaction level?

# 2. Employee Affairs

1. How does the distribution of education levels vary across employees? (Education Field, Department) - \*Bar Chart\*
2. What is the distribution of employee ages? (CF\_age band) \*Histogram\*:
3. What is employee distribution across different states
4. What are the departments that works the most over time
5. What is the range of training opportunities offered and taken by employees? – \*Stacked Area Chart\*: Training opportunities taken vs. available.
6. What is the relation between training participation and promotion opportunities

# 3. Employee Attrition

1. What factors contribute to employee attrition?
2. Which employee characteristics are associated with a higher risk of attrition? (Attrition, Department, Age, Job Role, Years at Company, Work-Life Balance, Job Satisfaction) - \*Bar Chart\*: Top attrition drivers (e.g., low satisfaction, lack of training).
3. How does the time taken for promotions impact employee attrition and satisfaction? (Years Since Last Promotion, Attrition, job satisfaction)

# 4. Performance Evaluation and Review

1. How are manager ratings distributed across employees? (Performance Rating as a proxy for Manager Ratings)
2. What is the relation between manager rating distributions and team performance/satisfaction- \*Bubble Chart\*: Manager ratings vs. team satisfaction/attrition (bubble size = team size). .
3. What factors contribute to employee productivity?(overtime,distance,training)
4. How do performance compare across different departments? (Department, Satisfaction, Performance Rating)
5. What is the average time taken for promotions in each department?

# 5.Salaries

1. How does salary differ according to the level of education and department? (Education Field, Department)
2. What are top 10 Highest paying job roles
3. How salaries differ from business travel statues(filter by gender)
4. How do years at company affect salaries