**ALLIANCE EMPLOYEE ANALYSIS QUESTION**

**1. Demographic Analysis**

* What is the age distribution of employees in different departments?
* What is the gender distribution in various departments?
* Which region has the highest number of employees?

**2. Salary and Experience**

* What is the average salary by department?
* How does the salary vary with years of experience?
* Which department has the highest average years of experience?

**3. Satisfaction and Performance**

* What is the distribution of employee satisfaction scores by department?
* Is there a correlation between salary and satisfaction score?
* What is the promotion rate in different departments?

**4. Gender and Promotion Analysis**

* Is there a disparity in promotion status based on gender?
* What percentage of employees have been promoted in different regions?

**5. Comparative Analysis**

* How do the salaries compare between different genders within the same department?
* Which region has the highest average satisfaction score?
* What are the characteristics (age, experience, salary) of employees who received promotions compared to those who didn’t?

**6. Key Insights**

* Who are the top 10 highest-paid employees and in which department do they work?
* What is the salary distribution for different satisfaction scores?