For testing:

Combination of variables → Can be tested along gen x / gen y axis

**Age + Gender:** Females are 37.33 years old on average, whereas males are 36.65 years old, and both distributions are similar.

**Salary + Gender:** The average salaries for both genders are nearly identical, with males earning 6380.51 and females earning 6686.57.

**Department + Gender:**  Males outnumber females in all three departments, although females outnumber males in the Research and Development department.

**Job satisfaction + Gender** Job satisfaction ratings are nearly identical among those who did not leave the company. Females, on the other hand, were less satisfied than males when it came to leaving the organization.

**Department + Income:** Attrition status has a big impact on each department. People who were paid less had a higher attrition rate than those who were paid better.

**Working Hours:** Over 54% of workers who left the organization worked overtime, possible reason why employees are leaving?

**Income + JobRole:** In terms of personnel that quit or didn't quit the organization, HealthCare Representatives, Sales Representatives, and Research Scientists have the largest daily rate differences. This could indicate that the sample population who left the organization, at least for these roles, did so primarily for financial reasons.

**Job Role :** The job positions with the most personnel are sales and research scientists..

**JobRole + Income**: The average wage for managers and research directors is the highest.

**JobRole + Attrition + Department**: Attrition rates are higher among Sales Representatives, HealthCare Representatives, and Managers. This could indicate that specific concerns with staff are occurring in certain departments.

**Working Environment + JobRole**: Managers and healthcare representatives operate in a less stressful atmosphere than sales representatives, which may be due to the fact that most sales representatives work outside the firm.

**ManagerExperience + JobSatisfaction**: Employees who work for newer managers are less satisfied than those who work for more experienced bosses.

**Job satisfaction + Income** : Employees with lower wages are less satisfied with their jobs. This all adds up to increased attrition.

Can try this too :x="Department", y="MonthlyIncome"

x="JobRole", y="MonthlyIncome"

x="JobLevel", y="MonthlyIncome"