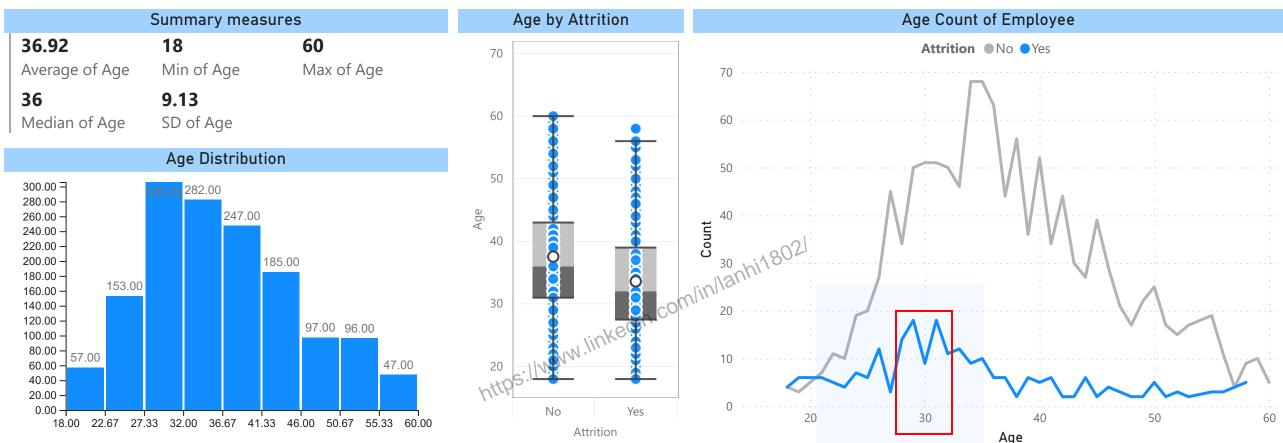
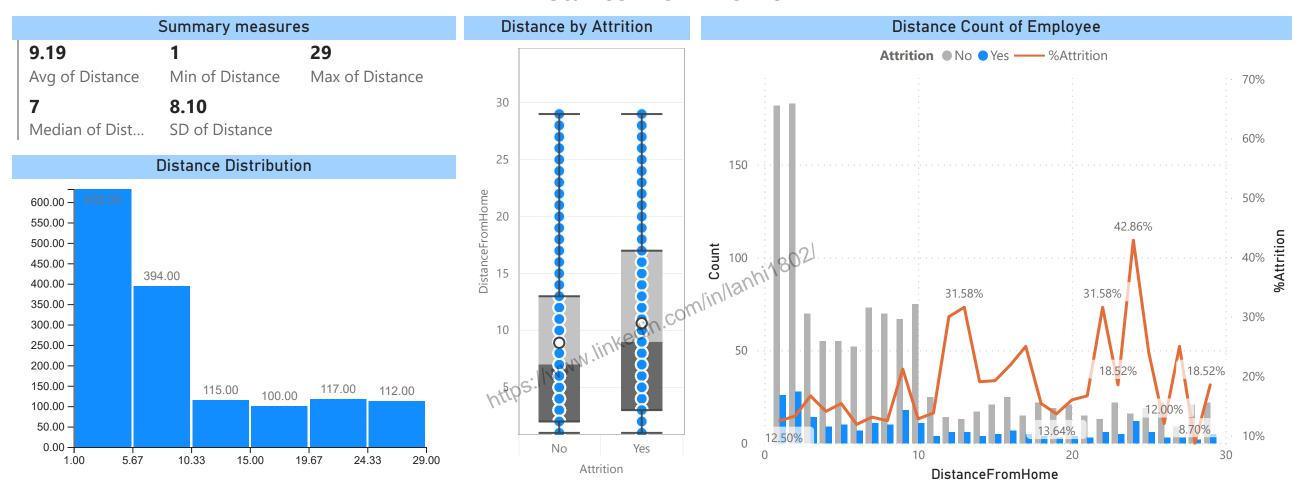
Age



Observation:

The age group with the highest attrition is 28–32. This percentage decreases as people get older because they are concerned about job stability. In addition, the youthful age group from 18 to 25 is also more likely to leave the organization because they have many options and enjoy exploring them. Ages 58 and above can leave work due to early retirement or illness problems.

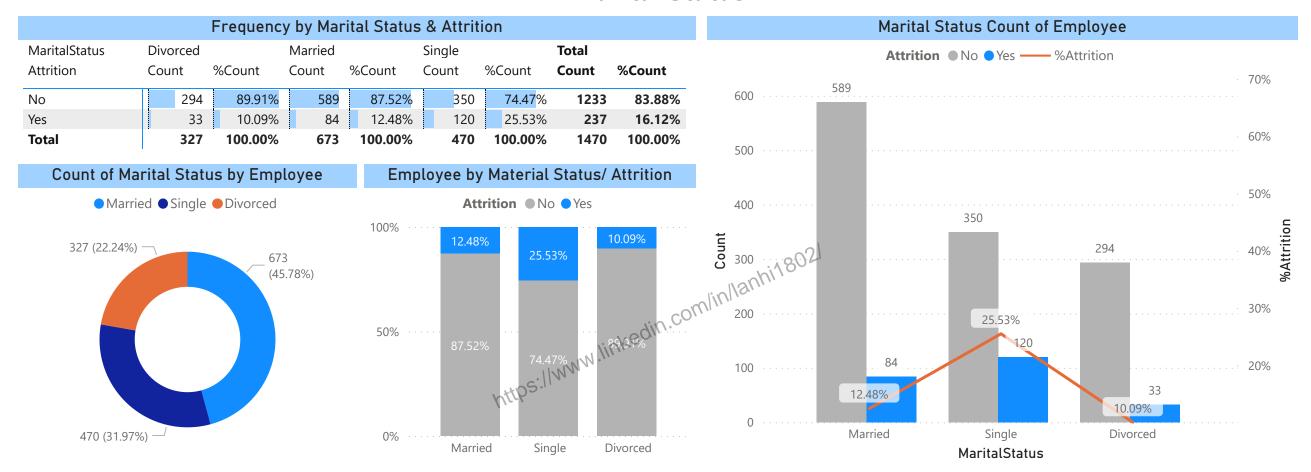
Distance From Home



Observation:

Employees who live more than 12 kilometers from their workplace are more likely to quit than those who reside nearby.

Marital Status

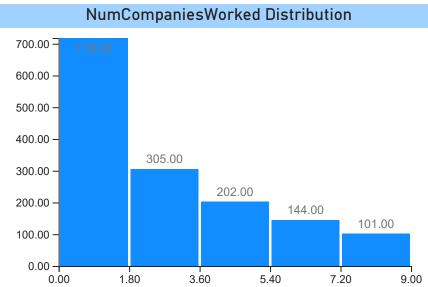


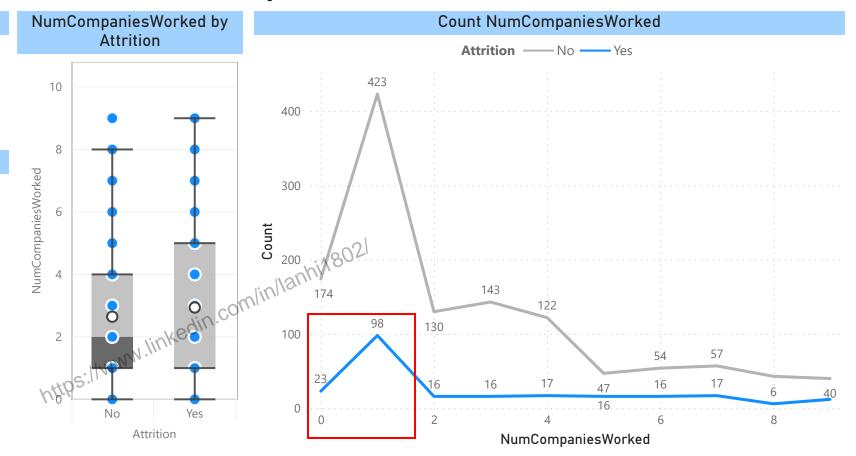
Observation:

The attrition rate for single employees is the highest, at 25.53%. The next group of employees are those who are married or divorced, with rates of 12.48% and 10.09%, respectively. Employees with families tend to make more thoughtful decisions before leaving.

Number of Companies



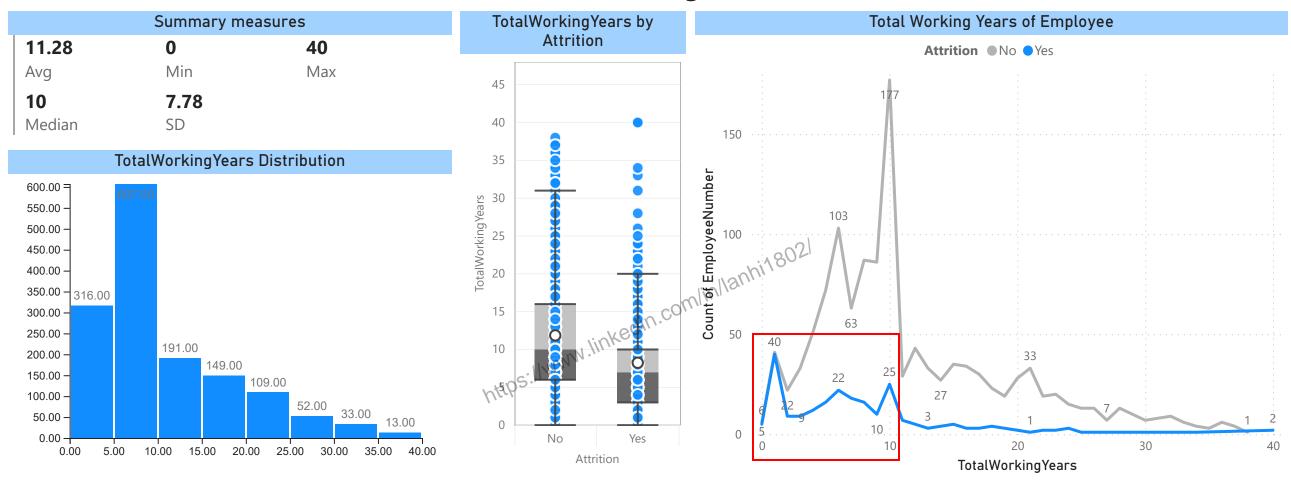




Observation:

Employees who started their careers with the company or only moved to one previous company in their careers are more likely to leave the organization than employees who have more experience and have worked in a variety of companies.

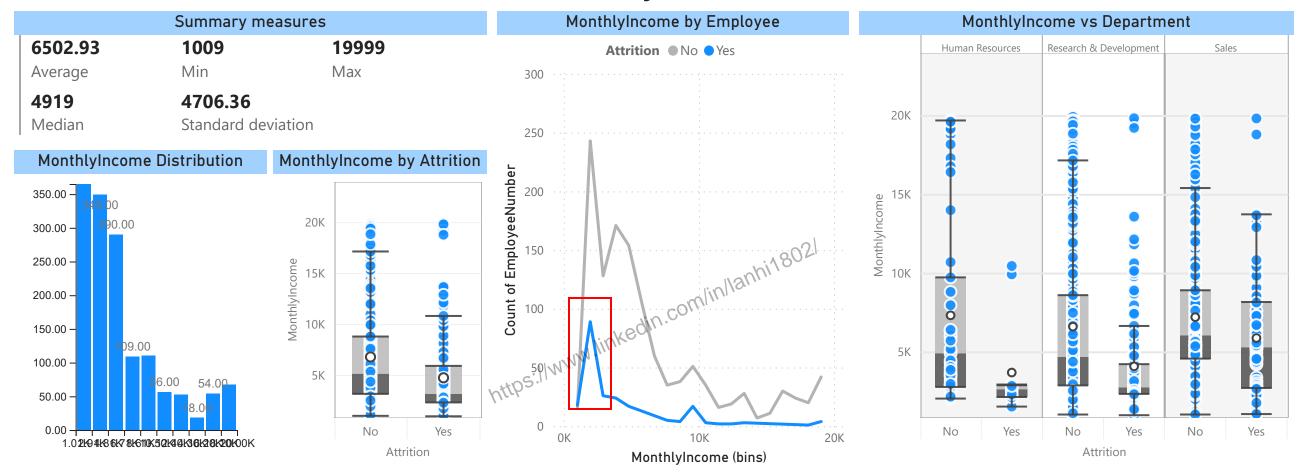
Total Working Years



Observation:

Employees with less than 10 years of work experience are far more likely to be fired! Attrition risks decrease with more work experience.

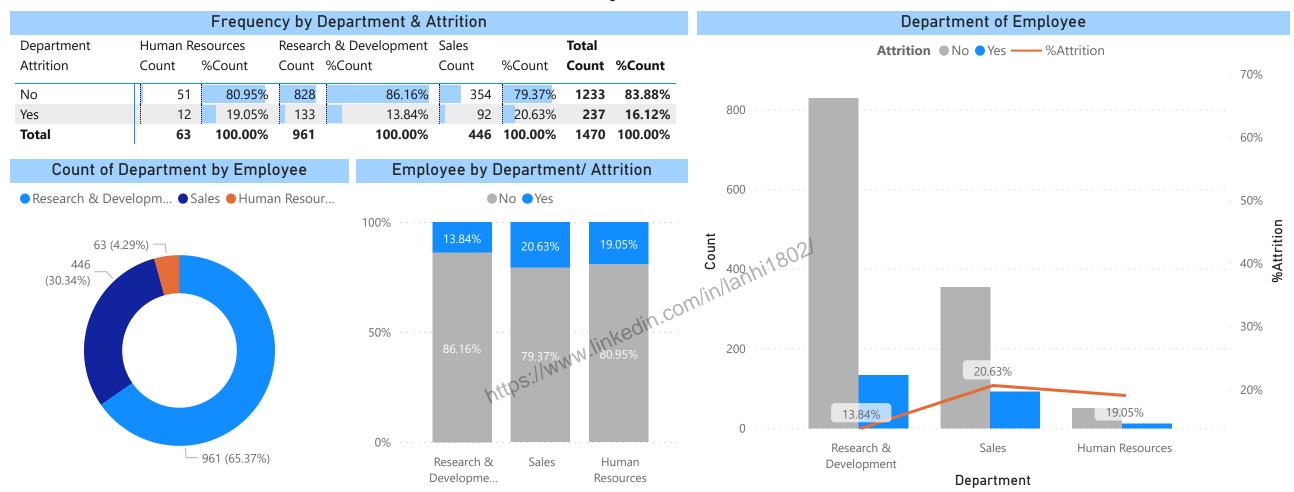
Monthly Income



Observation:

- The low-income group's attrition rate is higher than the high-income group's. Monthly incomes under \$2900 have the greatest attrition rate. When monthly income is high, employees are less likely to leave the organization.
- Too many outlier values exist for Monthly Income by Department. Employees in Human Resources who leave earn considerably less than those who stay.

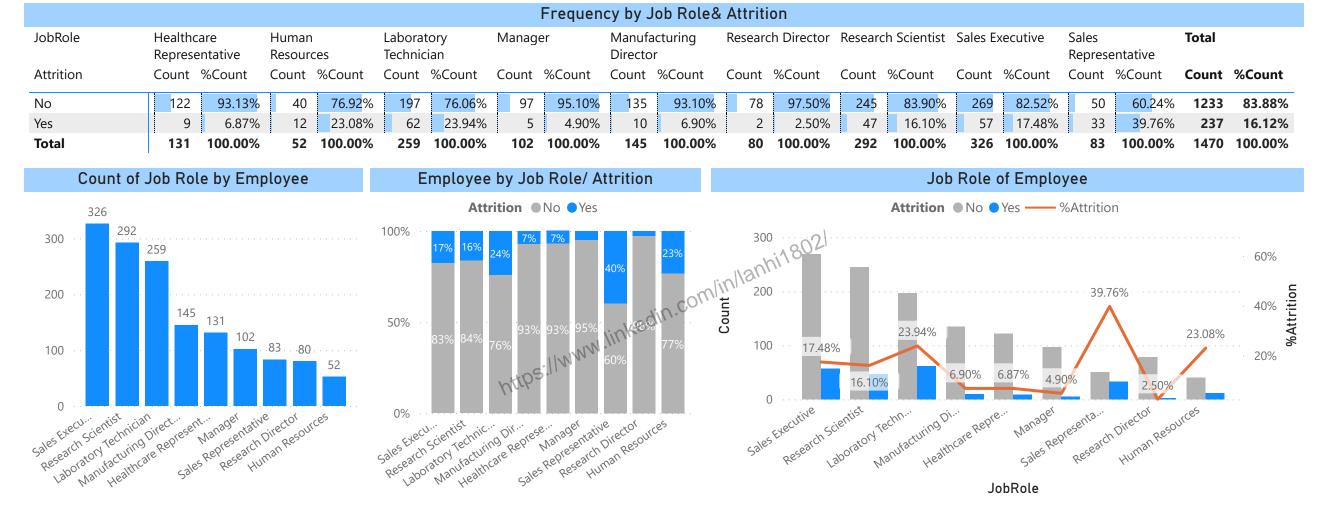
Department



Observation:

The attrition rate of employees in the Sales department is the highest with 20.63%, followed by the HR department with 19.05%. With 13.84%, Research and Development has the lowest attrition rate.

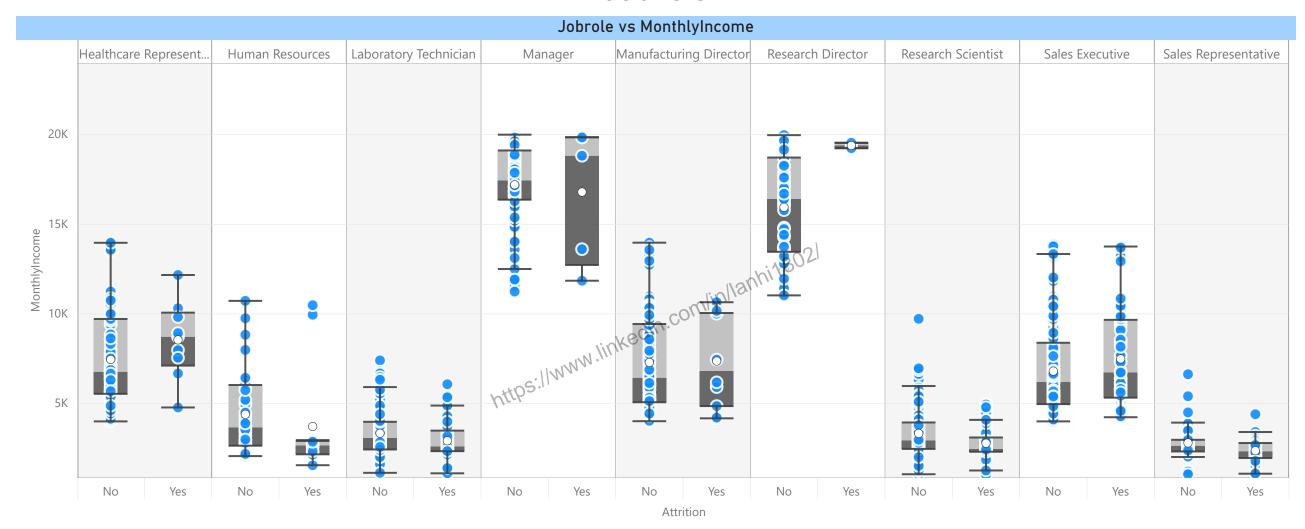
Job role



Observation:

The employee job role of Sales Representative has the highest attrition rate, at 39.76%. The attrition rate for Laboratory Technician, Human Resources is over 20%. Managers and Directors will have the lowest rate of attrition.

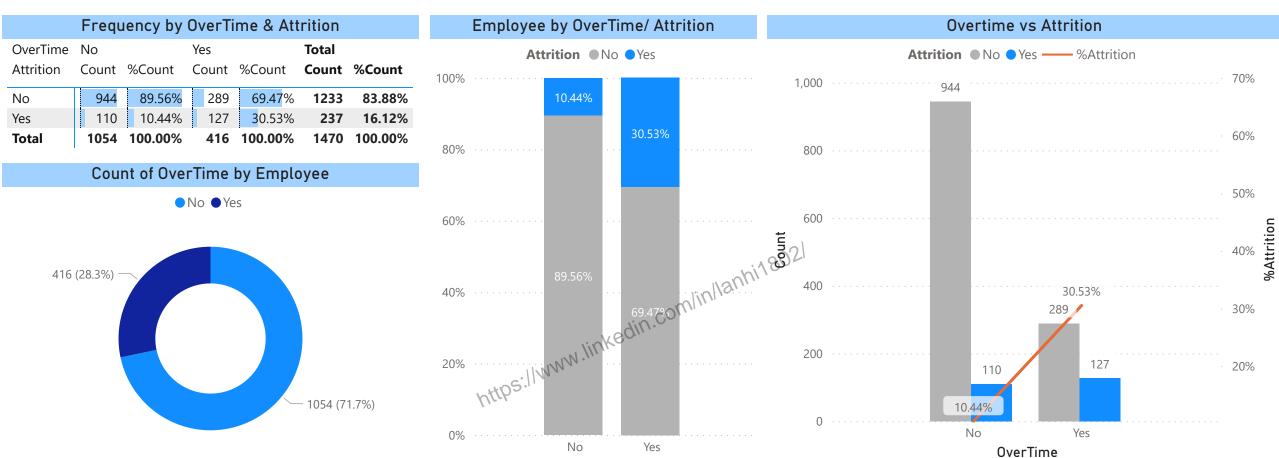
Job role



Observation:

The fact that Human Resources, Laboratory Technician, Research Scientist, and Sales Representative positions all pay significantly less per month than other positions could be the key factor in their leaving.

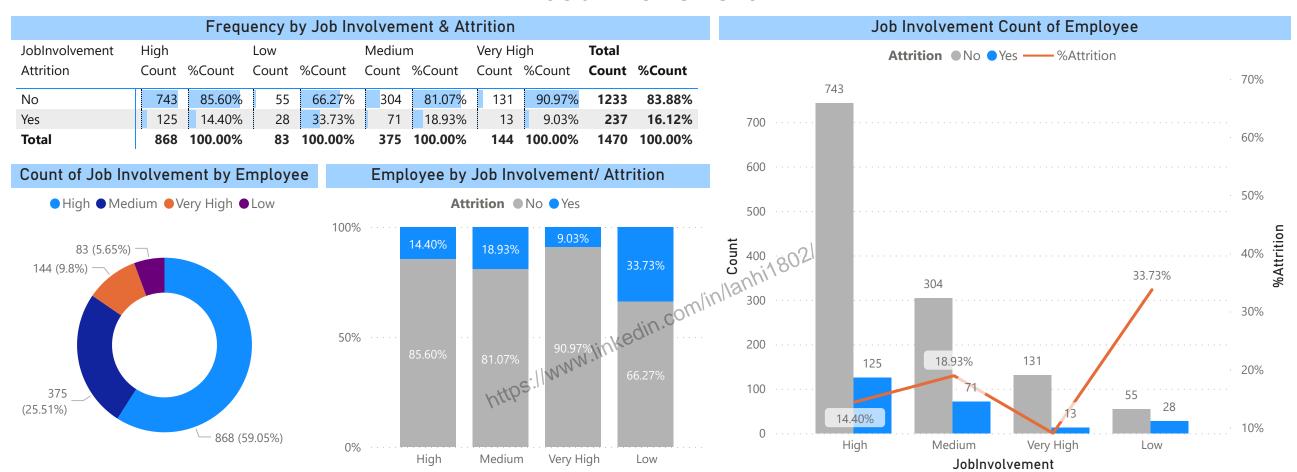
Over Time



Observation:

Overtime employees are more likely to abandon the company! Compared to workers who don't work overtime, it has a 30.53% attrition rate.

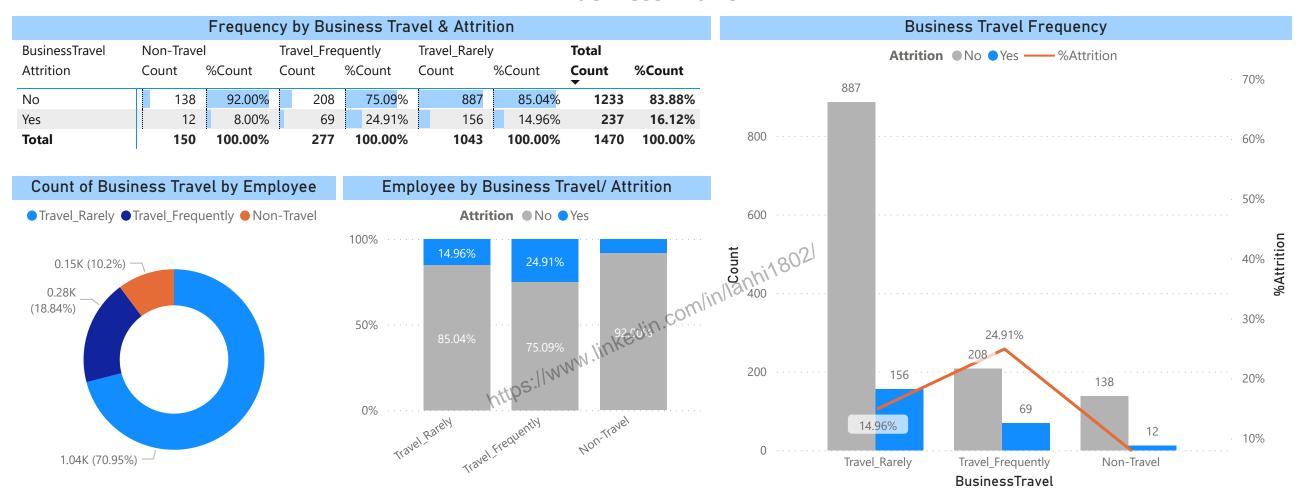
Job Involvement



Observation:

The higher the Job Involvement, the lower the attrition rate.

Business Travel



Observation:

The attrition rate of employees who travel frequently is the highest, at 24.91%. The more employees travel frequently for work, the more likely they are to resign.

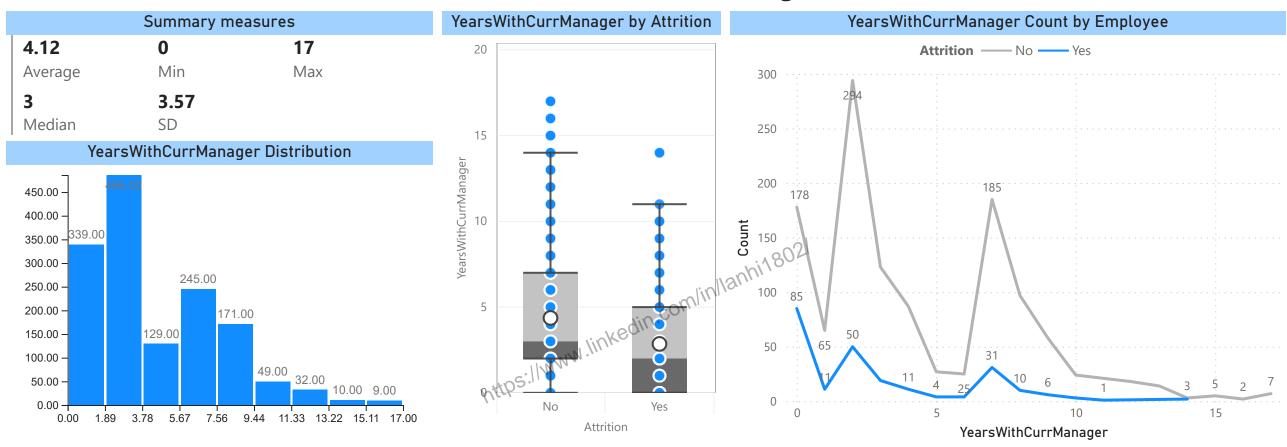
Years at Company



Observation:

Most remain employees in the company for 3–9 years, with the median being 5 years. For employees who have left, they have worked at the company for 1–7 years, with the median being 3 years.

Years with Current Manager



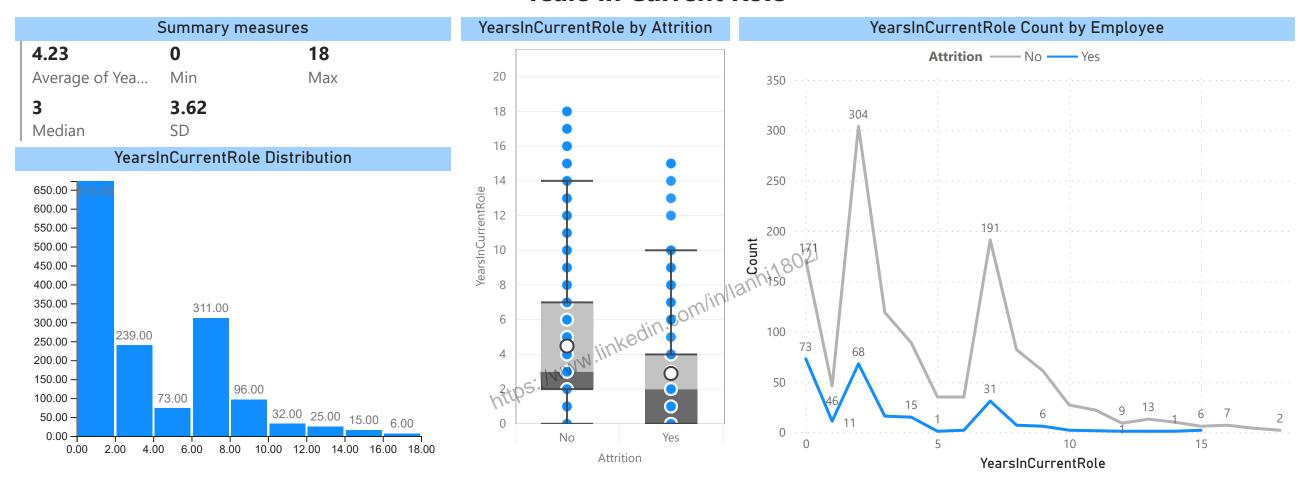
Observation:

Employees typically quit their positions during the following stages:

- A period of less than a year when there is not much time with the manager; maybe they leave because the current manager is unsuitable and they wish to find another manager.
- ·After 2 years of working with the management, they tend to want to leave to develop their careers.
- •On average, after working long enough with the manager (7 years), they will leave because they find their work stagnant and they cannot get a promotion.

However, after working with management for more than 7 years, people are less likely to leave the organization.

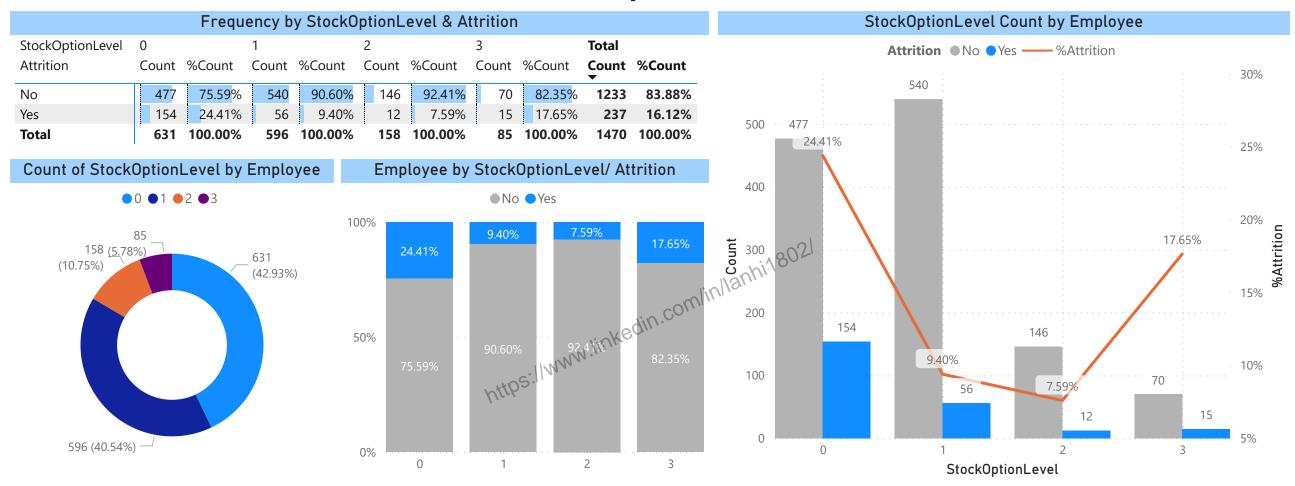
Years in Current Role



Observation:

Employees who begin their careers are more likely to leave the company. Employees who have been in the same position for more than 3 years will stay in order to enhance their careers. If they stay in the same job until the 7th year, many people will leave because there are no opportunities for promotion at the current firm or if the company decides to shake things up. Employees who have been with the organization for 8 years or longer prefer to settle down and stay.

Stock Option Level

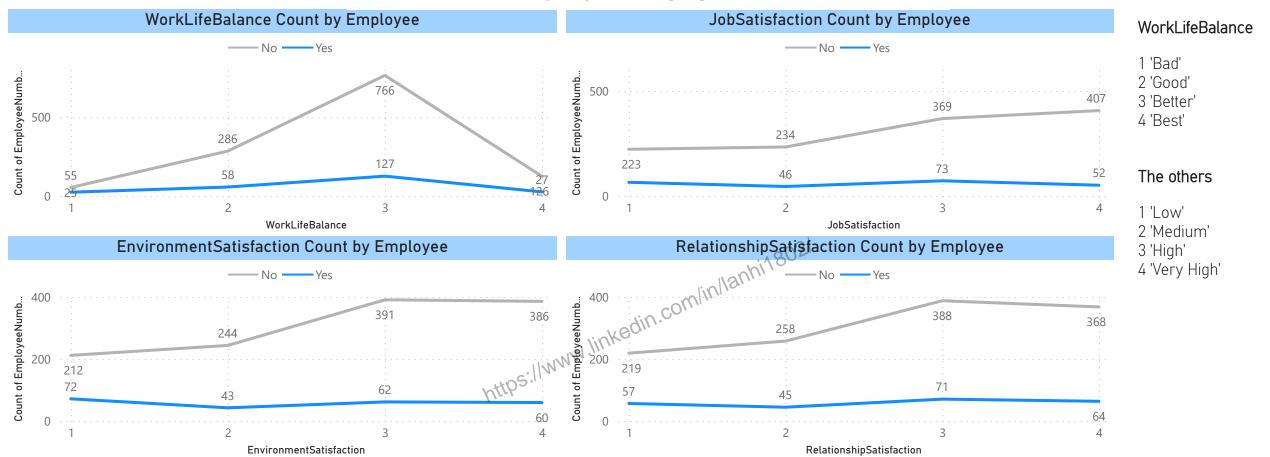


Observation:

Employees with limited stock options are the most likely to leave the organization. When employees have good stock options, they will desire to stay with the company longer to take advantage of the stock benefits.

Frequency by WorkLifeBalance & Attrition Count of WorkLifeBalance by Employee Employee by WorkLifeBalance/ Attrition Attrition Nο Yes **Total Attrition** No Yes Count %Count Count %Count %Count WorkLifeBalance 100% 16 86% 14.22% 17.65% 31.25% 4.46% 25 10.55% 80 5.44% 286 23.20% 58 24.47% 23.40% 344 50% 153 3 766 62.12% 53.59% 60.75% 127 893 27 126 10.22% 11.39% 10.41% 153 0% 2 3 2 3 1233 100.00% 237 100.00% 1470 100.00% **Total** Count of JobSatisfaction by Employee Frequency by JobSatisfaction & Attrition Employee by JobSatisfaction/ Attrition Attrition Nο Yes Total **Attrition** No Yes 459 442 **JobSatisfaction** Count %Count Count %Count Count %Count 100% 16.43% 16.52% 400 22.84% 289 223 18.09% 27.85% 66 289 19.66% 280 234 18.98% 46 19.41% 280 19.05% 73 369 29.93% 30.80% 442 30.07% 33.01% 52 21.94% 407 31.22% 459 0% 2 3 237 100.00% **Total** 1233 100.00% 1470 100.00% Count of EnvironmentSatisfaction by Employee Frequency by EnvironmentSatisfaction & Attrition Employee by EnvironmentSatisfaction/ Attrition Attrition Yes **Total Attrition** No Yes 453 446 EnvironmentSatisfaction Count %Count Count %Count Count %Count 100% 13.69% 13.45% 25.35% 287 212 17.19% 30.38% 284 19.32% 284 244 19.79% 18.14% 43 287 19.52% 200 3 31.71% 62 26.16% 453 30.82% 386 31.31% 25.32% 446 30.34% 60 0% 1233 100.00% 237 100.00% 1470 100.00% **Total** 2 Count of RelationshipSatisfaction by Employee Frequency by RelationshipSatisfaction & Attrition Employee by RelationshipSatisfaction/ Attrition Attrition Yes **Total** No **Attrition** No Yes 459 RelationshipSatisfaction Count %Count Count %Count 432 Count %Count 100% 14.85% 15.47% 14.81% 400 20.65% 303 219 17.76% 57 24.05% 276 18.78% 276 258 20.92% 45 18.99% 303 20.61% 50% 200 388 31.47% 71 29.96% 31.22% 29.85% 64 27.00% 432 29.39% 0% 2 **Total** 1233 100.00% 237 100.00% 1470 100.00% 2 3 4

Employee Engagement



Observation:

- WorkLifeBalance: People who rank WorkLifeBalance as "Bad" tend to balance themselves to adapt. When they become accustomed to their jobs and rate their work-life balance as "Good" or "Better", they leave the organization. However, when WorkLifeBalance is at "Best", they are really satisfied with their work.
- The Others: Other satisfaction ratings tend to be similar. When they are dissatisfied with their job, environment, and relationships, they leave the organization. When the situation improves and the factors are "Medium", they will be more loyal to the company. When people are truly satisfied, though, they prefer to seek out new opportunities.