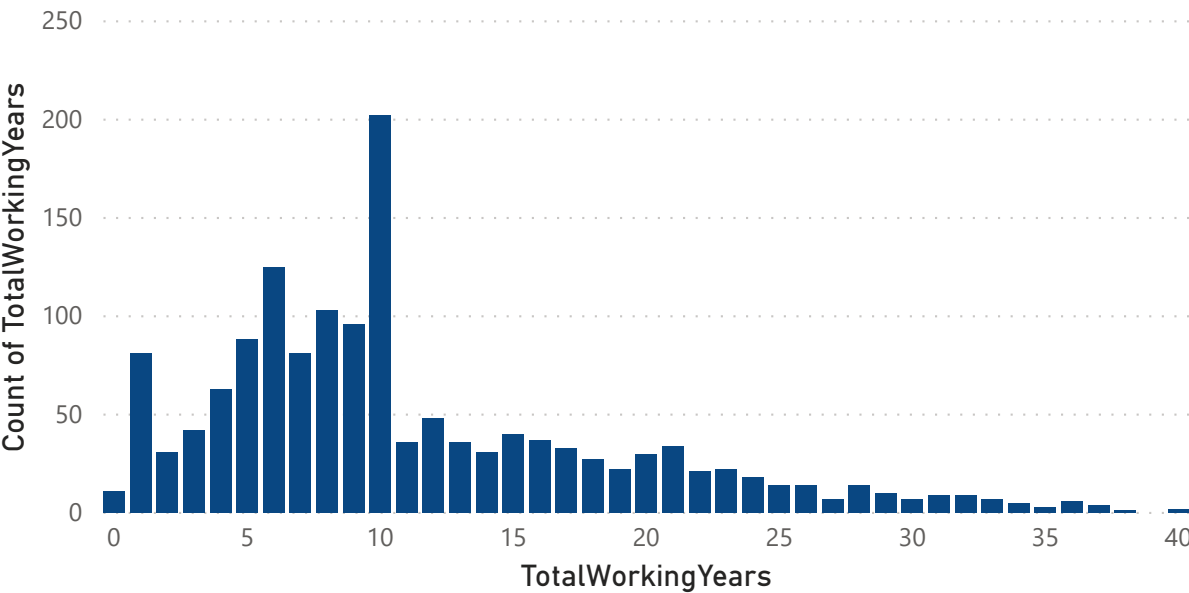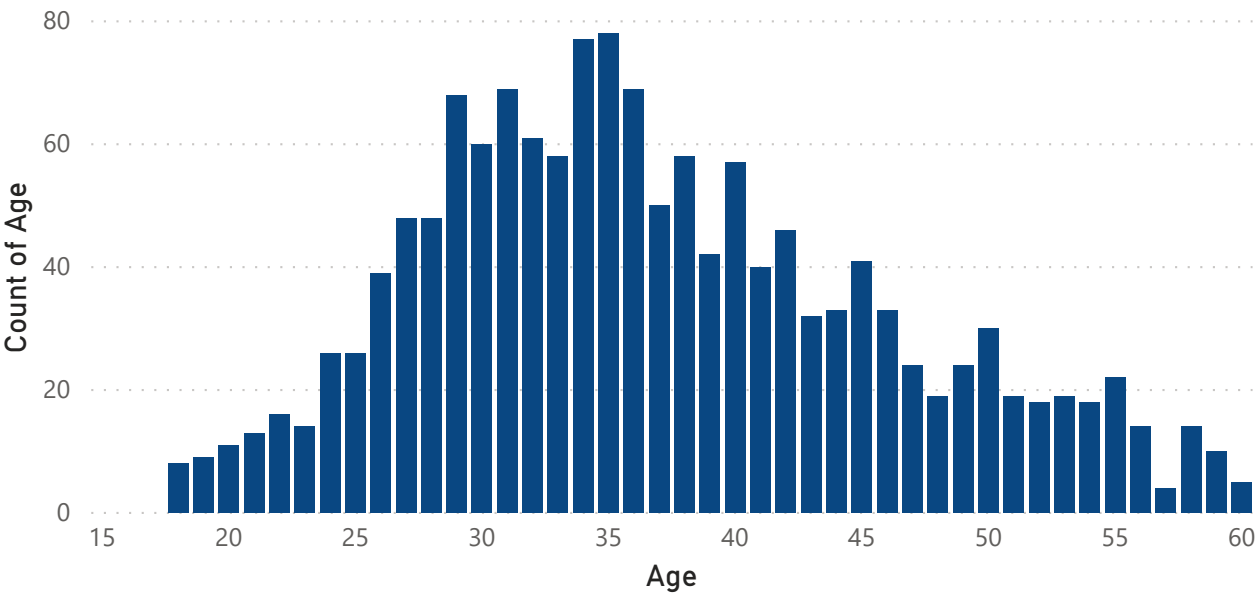# Data Exploration

Count of EmployeeNumber by MonthlyIncome

Count of TotalWorkingYears by TotalWorkingYears
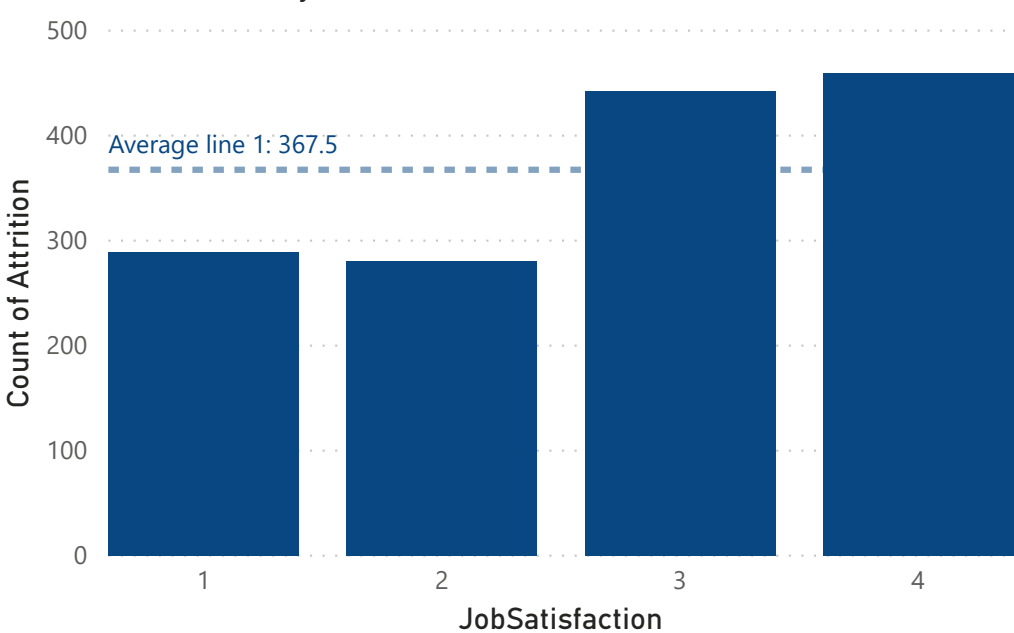

Count of Age by Age

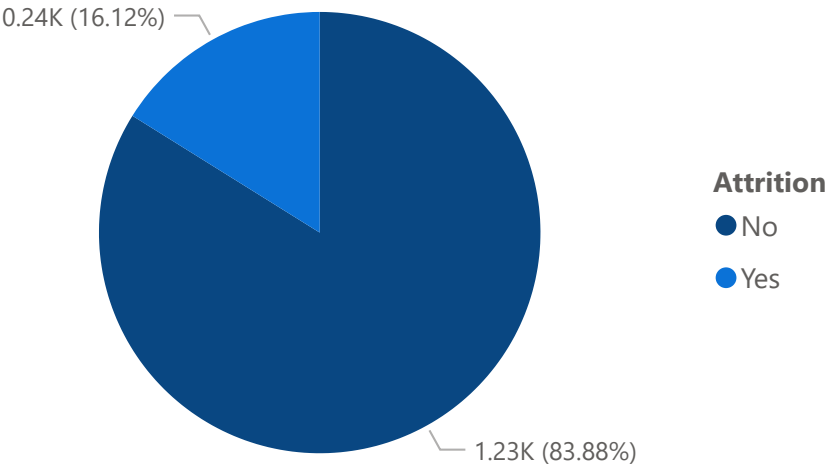# key metrics

Count of Attrition by JobSatisfaction

Average line 1: 367.5

Count of Attrition

500
400
300
200
100
0

1   2   3   4

JobSatisfaction

Count of EmployeeNumber by Attrition

0.24K (16.12%)

1.23K (83.88%)

Attrition
- No
- Yes

Department
- Human Resources
- Research & Development
- Sales

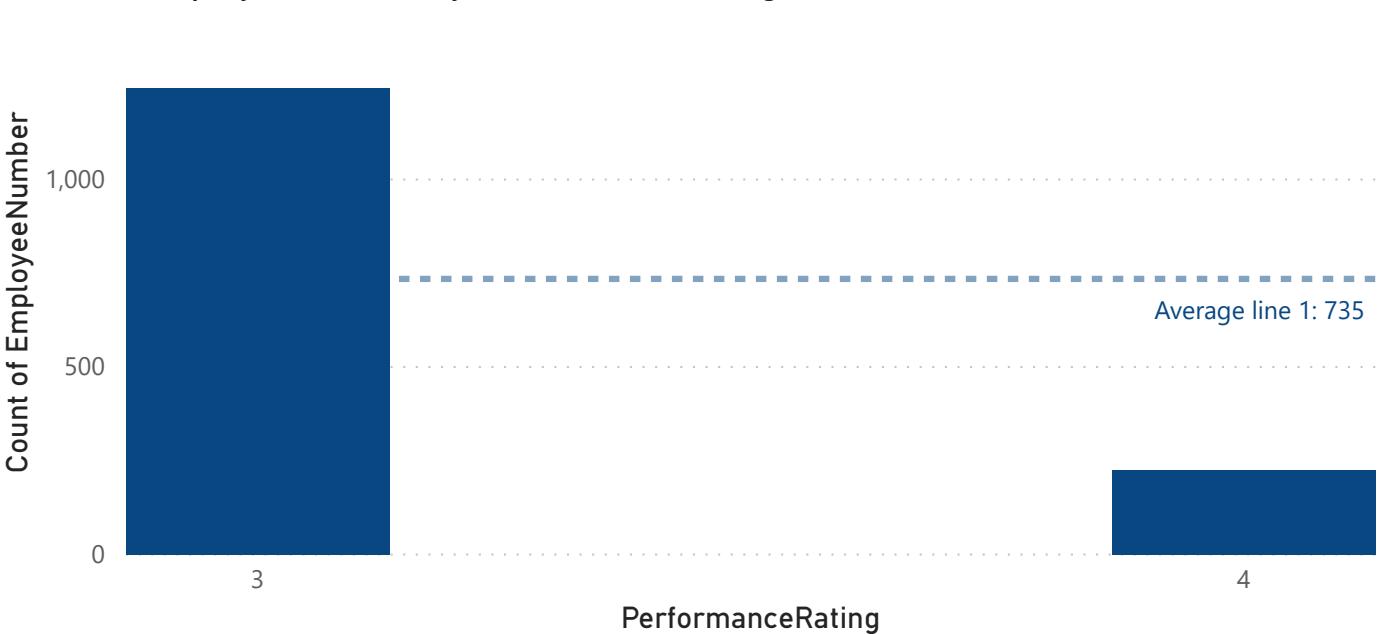## Education

1   5

BusinessTravel
- Non-Travel
- Travel_Frequently
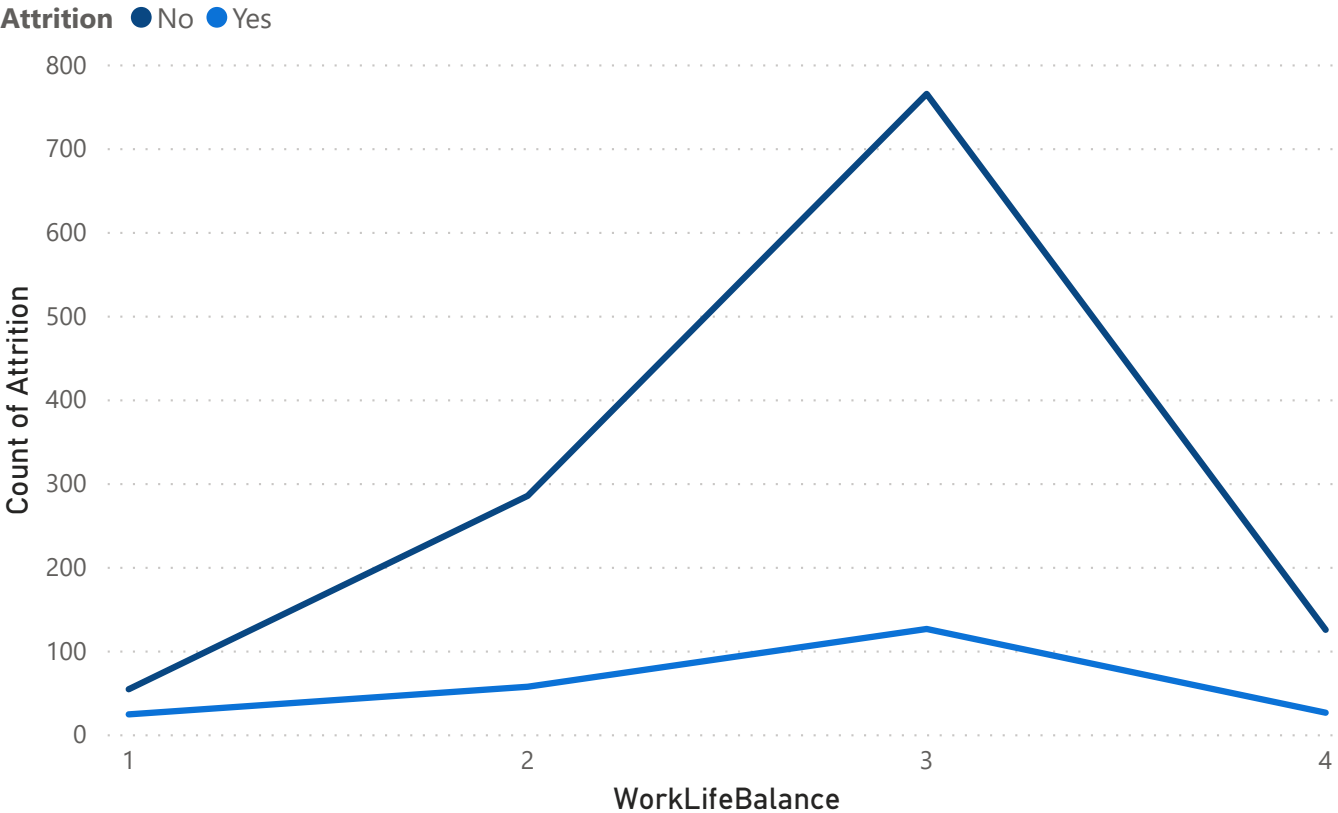- Travel_Rarely

Count of EmployeeNumber by PerformanceRating

Count of EmployeeNumber

1,000

500

0

Average line 1: 735

3   4

PerformanceRating

Department	Count of Attrition	Count of Gender	Gender	MaritalStatus
Human Resources	4	4	Female	Divorced
Human Resources	11	11	Female	Married
Human Resources	5	5	Female	Single
Human Resources	12	12	Male	Divorced
Human Resources	23	23	Male	Married
Human Resources	8	8	Male	Single
Research & Development	83	83	Female	Divorced
Research & Development	167	167	Female	Married
Research & Development	129	129	Female	Single
Research & Development	141	141	Male	Divorced
Research & Development	266	266	Male	Married
Research & Development	175	175	Male	Single
Sales	30	30	Female	Divorced
Sales	94	94	Female	Married
Sales	65	65	Female	Single
Sales	57	57	Male	Divorced
Sales	112	112	Male	Married
Sales	88	88	Male	Single
Total	**1470**	**1470**		

descriptive analytics

Count of Attrition by WorkLifeBalance and Attrition

Count of Attrition by RelationshipSatisfaction and Attrition