

# Exploratory Data Analysis Report

Dataset Shape: 1480 rows, 38 columns

## Dataset Summary

Shape: (1480, 38)

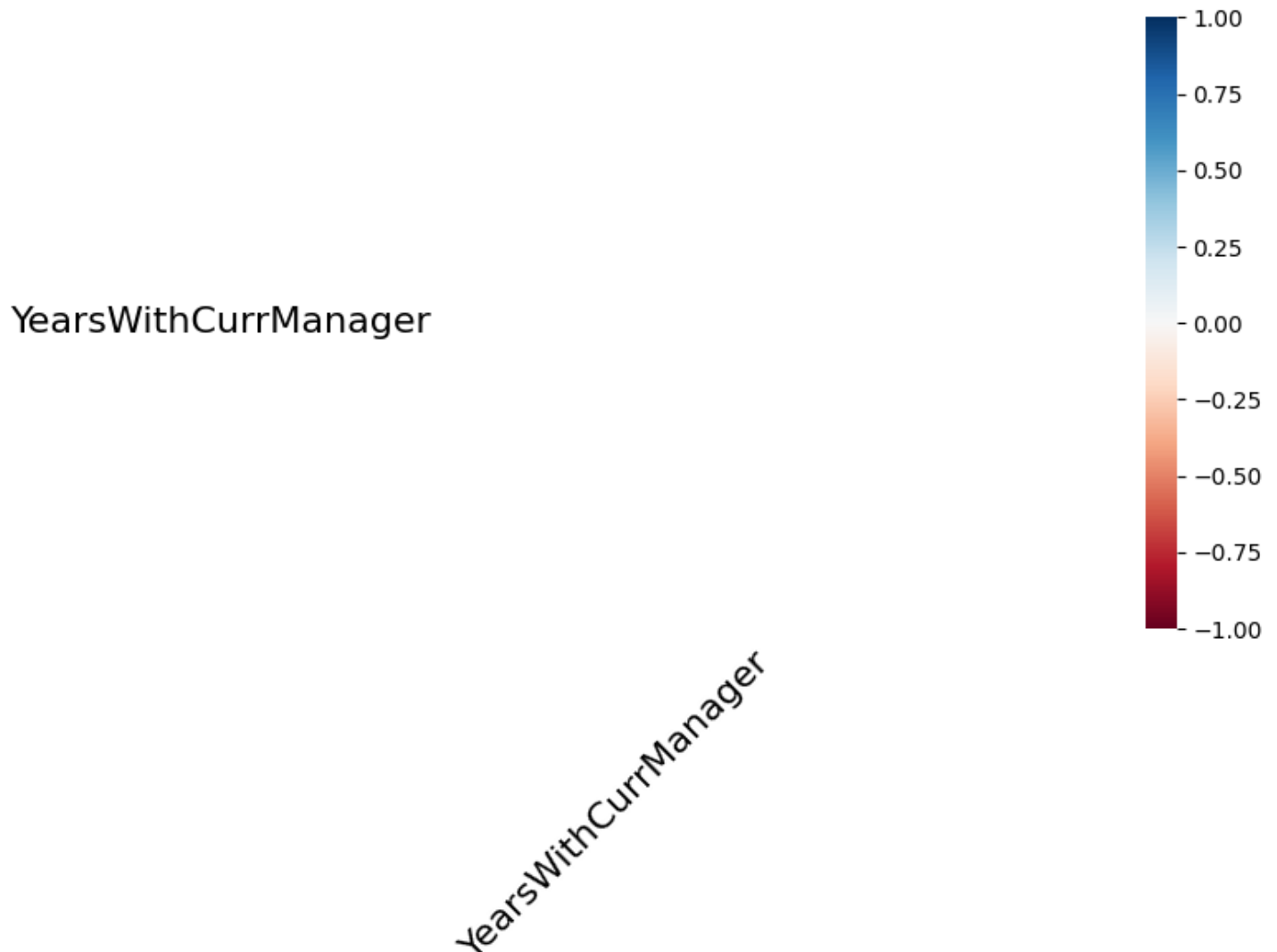
Columns: ['EmpID', 'Age', 'AgeGroup', 'Attrition', 'BusinessTravel', 'DailyRate', 'Department', 'DistanceFrom

Missing Values: {'EmpID': 0, 'Age': 0, 'AgeGroup': 0, 'Attrition': 0, 'BusinessTravel': 0, 'DailyRate': 0, 'Depart

Data Types: {'EmpID': dtype('O'), 'Age': dtype('int64'), 'AgeGroup': dtype('O'), 'Attrition': dtype('O'), 'Busines

Summary Statistics: {'Age': {'count': 1480.0, 'mean': 36.917567567567566, 'std': 9.128559055412653, 'min':

## Missing Values Analysis



## Outlier Detection

Age: 0 outliers

DailyRate: 0 outliers

DistanceFromHome: 0 outliers

Education: 0 outliers

EmployeeCount: 0 outliers

EmployeeNumber: 0 outliers

EnvironmentSatisfaction: 0 outliers

HourlyRate: 0 outliers

JobInvolvement: 0 outliers

JobLevel: 0 outliers

JobSatisfaction: 0 outliers

MonthlyIncome: 114 outliers

MonthlyRate: 0 outliers

NumCompaniesWorked: 52 outliers

PercentSalaryHike: 0 outliers

PerformanceRating: 227 outliers

RelationshipSatisfaction: 0 outliers

StandardHours: 0 outliers

StockOptionLevel: 85 outliers

TotalWorkingYears: 63 outliers

TrainingTimesLastYear: 240 outliers

WorkLifeBalance: 0 outliers

YearsAtCompany: 105 outliers

YearsInCurrentRole: 21 outliers

YearsSinceLastPromotion: 108 outliers

YearsWithCurrManager: 13 outliers

## **Visualizations**

