Feature Name	Data Type	Description	PK (Yes/No)
Age	int64	The age of the employee in years.	No
Attrition	object	The target variable: 'Yes' if the employee left, 'No' otherwise.	No
BusinessTravel	object	The frequency of business travel for the employee.	No
DailyRate	int64	The daily pay rate of the employee.	No
Department	object	The department the employee works in (e.g., R&D, Sales).	No
DistanceFromHome	int64	The distance in kilometers from the employee's home to work.	No
Education	int64	Ordinal value for education level (1='Below College', 5='Doctor').	No
EducationField	object	The field of education for the employee.	No
EmployeeCount	int64	A constant value of 1 for each employee. (Likely irrelevant).	No
EmployeeNumber	int64	A unique identifier for each employee.	Yes
EnvironmentSatisfaction	int64	Ordinal value for job satisfaction (1='Low', 4='Very High').	No
Gender	object	The gender of the employee ('Male' or 'Female').	No
HourlyRate	int64	The hourly pay rate of the employee.	No
JobInvolvement	int64	Ordinal value for job involvement (1='Low', 4='Very High').	No
JobLevel	int64	The job level of the employee (1 to 5).	No
JobRole	object	The specific job role of the employee.	No
JobSatisfaction	int64	Ordinal value for job satisfaction (1='Low', 4='Very High').	No
MaritalStatus	object	The marital status of the employee.	No
MonthlyIncome	int64	The monthly income of the employee in dollars.	No
MonthlyRate	int64	The monthly pay rate of the employee.	No
NumCompaniesWorked	int64	The number of companies the employee worked for before this one.	No
Over18	object	A constant value 'Y'. (Likely irrelevant).	No
OverTime	object	Whether the employee works overtime ('Yes' or 'No').	No
PercentSalaryHike	int64	The percentage increase in salary in the last year.	No
PerformanceRating	int64	Ordinal value for performance rating (1='Low', 4='Outstanding').	No
RelationshipSatisfaction	int64	Ordinal value for relationship satisfaction (1='Low', 4='Very High').	No
StandardHours	int64	A constant value of 80. (Likely irrelevant).	No
StockOptionLevel	int64	The stock option level of the employee (0 to 3).	No
TotalWorkingYears	int64	The total number of years the employee has worked.	No
TrainingTimesLastYear	int64	The number of training sessions attended last year.	No
WorkLifeBalance	int64	Ordinal value for work-life balance (1='Bad', 4='Best').	No
YearsAtCompany	int64	The total number of years the employee has been with this company.	No
YearsInCurrentRole	int64	The number of years the employee has been in their current role.	No
YearsSinceLastPromotion	int64	The number of years since the employee's last promotion.	No
YearsWithCurrManager	int64	The number of years the employee has been with their current manager.	No