Data Dictionary

Column Name	Data Type	Description
EmpNumber	object	Unique identifier for each employee.
Age	int64	Age of the employee.
Gender	object	Gender of the employee (e.g., Male, Female).
EducationBackground	object	The educational field or background of the employee.
MaritalStatus	object	Marital status of the employee (e.g., Single, Married).
EmpDepartment	object	Department where the employee works.
EmpJobRole	object	Specific job role/title of the employee.
BusinessTravelFrequency	object	Frequency of business travel by the employee.
DistanceFromHome	int64	Distance in kilometers from home to workplace.
EmpEducationLevel	int64	Education level of the employee (1 to 5).
EmpEnvironmentSatisfaction	int64	Employee's satisfaction with the work environment (1 to 4).
EmpHourlyRate	int64	Hourly wage rate of the employee.
EmpJobInvolvement	int64	Level of involvement in the job (1 to 4).
EmpJobLevel	int64	Job level or position seniority.
EmpJobSatisfaction	int64	Satisfaction with the job (1 to 4).
NumCompaniesWorked	int64	Number of companies the employee has worked for.
OverTime	object	Indicates if the employee works overtime (Yes/No).
EmpLastSalaryHikePercent	int64	Percentage increase in last salary hike.

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EmpRelationshipSatisfaction	int64	Satisfaction with workplace relationships (1 to 4).
TotalWorkExperienceInYears	int64	Total years of professional work experience.
TrainingTimesLastYear	int64	Number of training sessions attended last year.
EmpWorkLifeBalance	int64	Work-life balance rating (1 to 4).
ExperienceYearsAtThisCompany	int64	Years of experience at the current company.
ExperienceYearsInCurrentRole	int64	Years spent in the current role.
YearsSinceLastPromotion	int64	Years since the last promotion.
YearsWithCurrManager	int64	Years working with the current manager.
Attrition	object	Indicates whether the employee has left the company.
PerformanceRating	int64	Performance rating (1 to 4).