Data Collection and Preprocessing Phase

Date	10 July 2024
Team ID	xxxxxx
Project Title	Human Resource Management: Predicting Employee Promotions Using Machine Learning
Maximum Marks	2 Marks

Data Quality Report Template

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Source	Data Quality Issue	Severity	Resolution Plan
Kaggle Dataset	Missing values in the 'education' and 'previous year rating' columns	Moderate	Use mean/median imputation.
Kaggle Dataset	Categorical data in the dataset.	Moderate	Encoding has to be done in the data.
Kaggle Dataset	Negative Data in the dataset	Low	List comprehension used to find the negative data then dropped negative data.
Kaggle Dataset	Imbalanced Data	High	To handle imbalanced data resampling are done with SMOTE