

Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	Advait Mahesh Shinde
Project Title	Human Resource Management: Predicting Employee Promotions Using Machine Learning
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan Template

Section	Description
Project Overview	This project aims to leverage machine learning techniques to predict employee promotions within an organization. The objective is to enhance workforce planning and development by identifying potential candidates for promotion based on various data points..
Data Collection Plan	Data will be collected from internal HR databases, employee performance records, training and development logs, and other relevant sources within the organization.
Raw Data Sources Identified	Below are the raw data sources identified for this project, along with relevant details.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Employee Performance Data	Contains records of employee performance reviews and ratings over time.	https://www.kaggle.com/code/janio bachmann/attrition-in-an-organization-why-workers-quit	CSV	5 MB	Public
HR Master Database	Comprehensive HR data including employee demographics, job roles, and tenure.	https://www.kaggle.com/code/klms athishkumar/hr-analytics-job-change-prediction	CSV	3 MB	Public