

Data Collection and Preprocessing Phase

Date	19 April 2024
Team ID	Team-738178
Project Title	Envisioning Success : Predicting University Scores With Machine Learning
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Report:

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:

Section	Description
Project Overview	The Machine Learning project aims to create a machine learning model that predicts university scores based on specific characteristics such as quality of education, faculty, research output, and impact metrics. This tool will help prospective students make informed decisions about higher education options while providing universities with valuable feedback for performance improvement.
Data Collection Plan	Gather data on university characteristics such as education quality, faculty quality, publications, influence, citations, patents, and alumni employment from reputable sources.
Raw Data Sources Identified	The raw data sources for this project include datasets obtained from government databases, Academic databases, Kaggle & UCI, the popular platforms for data science competitions and repositories.

Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	The dataset comprises university characteristics such as education quality, faculty, research output, influence, citations, patents, and alumni employment	https://www.kaggle.com/datasets/mylesoneill/world-university-rankings	CSV	477 kB	Public