**Data Collection and Preprocessing Phase**

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| Date | 15 March 2024 |
| Team ID | SWTID1749727925 |
| Project Title | E-Adapt: Predicting Student Adaptability in Online Classes |
| 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**

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| **Section** | **Description** |
| Project Overview | The E-Adapt project aims to develop a machine learning model that predicts students' adaptability levels in online education environments. This will help institutions and educators tailor resources and support to students' specific needs. |
| Data Collection Plan | The data will be collected from open-source educational datasets, online surveys, and institutional records. Primary sources include Kaggle datasets and publicly available research data on online learning behaviors, student demographics, and adaptability indicators. |
| Raw Data Sources Identified | *Kaggle Dataset:* "Students Adaptability Level in Online Education" dataset containing responses from students on various factors affecting adaptability. |

**Raw Data Sources Template**

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| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Dataset | Contains student responses about their adaptability level in online education; includes demographic, psychological, and learning behavior features. | <https://www.kaggle.com/datasets/mdmahmudulhasansuzan/students-adaptability-level-in-online-education> | CSV | Approx. 50 GB | Public |