**Data Collection and Preprocessing Phase**

| Date | 15 March 2024 |
| --- | --- |
| Team ID | 740009 |
| Project Title | Student Adaptability Level of Online Education |
| 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 collect and analyze data to understand and enhance student adaptability to online education. The objectives include identifying key challenges, developing support tools, and implementing strategies to improve online learning experiences |
| Data Collection Plan | Data will be collected from various sources including student  surveys, online engagement metrics, academic performance  records and qualitative feedback from focus groups |
| Raw Data Sources Identified | The following are the identified raw data sources that will provide valuable insights into student adaptability to online education. |

**Raw Data Sources Template**

| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| --- | --- | --- | --- | --- | --- |
| Student Surveys | Responses from students regarding their experiences and challenges with online education. | Survey Link | CSV | 1GB | Public |
| Engagement Metrics | Data on student interactions with online learning platforms (e.g., login frequency, time spent on activities). | Platform Analytics | JSON | 2GB | Private (with access) |
| Focus Group Feedback | Qualitative feedback from student focus groups discussing online learning experiences. | Focus Group Transcripts | LOG | 5GB | Private (with access) |