**Data Collection and Preprocessing Phase**

|  |  |
| --- | --- |
| Date | 6 July 2024 |
| Team ID | 739876 |
| Project Title | FetalAI: Using Machine Learning To Predict And Monitor Fetal Health |
| 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 | Develop an AI-powered platform to enhance prenatal care by accurately detecting fetal anomalies and monitoring fetal development, providing timely insights to healthcare professionals and expectant parents. |
| Data Collection Plan | Search for datasets related to predicting fetal health. |
| Raw Data Sources Identified | The raw data sources for this project include datasets obtained from Kaggle, the popular platforms for data science competitions and repositories. The provided sample data represents a subset of the collected information. |

**Raw Data Sources Template**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Dataset | This dataset contains **2126** records of features extracted from Cardiotocogram exams, which were then classified by three expert obstetritians into **3 classes**:  Normal,  Suspect,  Pathological. | https://www.kaggle.com/datasets/andrewmvd/fetal-health-classification | CSV | 228.72 kB | Public |