

## Data Collection and Preprocessing Phase

|               |   |
|---------------|---|
| Date          | 6 July 2024   |
| Team ID       | 739902  |
| 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     | <p>This dataset contains <b>2126</b> records of features extracted from Cardiotocogram exams, which were then classified by three expert obstetricians into <b>3 classes</b>:</p> <p>Normal,</p> <p>Suspect,</p> <p>Pathological.</p> | <p><a href="https://www.kaggle.com/datasets/andrewmvd/fetal-health-classification">https://www.kaggle.com/datasets/andrewmvd/fetal-health-classification</a></p> | CSV    | 228.72 kB | Public             |