

## Data Collection and Preprocessing Phase

Date	6 July 2024
Team ID	739677
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>	<a href="https://www.kaggle.com/datasets/andrewmvd/fetal-health-classification">https://www.kaggle.com/datasets/andrewmvd/fetal-health-classification</a>	CSV	228.72 kB	Public