

## Fetal Health

### Goal :

Find the Health of Fetal based on the Features. Whether Fetal health is good or bad

### Working with the following steps:

#### ❖ **Business Understanding**

- Explore & Write short notes on the dataset info & Business Problem.

#### ❖ **Data Understanding**

- EDA,Visualization,Insights on Raw data,Qualitative and Quantitative analysis,class Imbalance.

#### ❖ **Data Preprocessing**

- Missing values & Outliers treatment, Numerical and Categorical features transformation, feature-selection for modeling.

#### ❖ **Data Validation**

- Selecting the Dependent and Independent variables and trying cross validation methods / train-test-split.

#### ❖ **Modeling**

- Work on different Classification model to predict continuous outcome

#### ❖ **Scoring should be :Accuracy, Recall, Precision, F1Score**

#### ❖ **Compare and select best model**

#### ❖ **Insights on Total Analysis at the end**

#### ❖ **Note :**

*On each step of analysis make sure to write an insight within Yours IDE*