**RESULTS AND OTHER VISUALIZATION (IMAGES)**

Visualizations:

A graph of a number of patients

Description automatically generated

A graph of a graph of a graph

Description automatically generated with medium confidence

A graph of fetal movement

Description automatically generated

Pairplot of Selected Features:

A screenshot of a computer screen

Description automatically generated

Correlation Heatmap:

A screenshot of a computer screen

Description automatically generated

A group of different colored shapes

Description automatically generated with medium confidence

Pairplot of Short-Term Variability Features:

A screenshot of a computer screen

Description automatically generated

A graph with different colored squares

Description automatically generated with medium confidence

A colorful rectangular shapes with black border

Description automatically generated with medium confidence

Pairplot of Histogram Features:

A screenshot of a computer screen

Description automatically generated

A diagram of different colored squares

Description automatically generated

A screenshot of a graph

Description automatically generated

Roc curves:

A graph of a line graph

Description automatically generated with medium confidence

SVM MODEL:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

RANDOM FOREST MODEL:

A screenshot of a computer program

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

GRADIENT BOOSTING:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

# k-Nearest Neighbors (KNN):

# A screenshot of a computer Description automatically generated

# A screenshot of a computer Description automatically generated

# A screenshot of a computer Description automatically generated

# Hyperparameter tuning:

# A screenshot of a computer program Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

# Sample Test Prediction:

# A screenshot of a computer program Description automatically generated

# Fask UI:

A screenshot of a computer

Description automatically generated

A screenshot of a test results

Description automatically generated