

Project Development Phase Model Performance Test

Date	20 May 2023
Team ID	NM2023TMID15450
Project Name	Identifying Perinatal Health Risks using Machine Learning Technique

Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE - , MSE - , RMSE - , R2 score - Classification Model: Confusion Matrix - , Accuray Score- & Classification Report -	Machine learning techniques can be used to identify perinatal health risks by analyzing large datasets of patient data. This data can include information on the patient's medical history, lifestyle factors, and demographic information. Machine learning algorithms can be used to identify patterns in this data that are associated with increased risk of perinatal health problems.
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	The best way to tune a machine learning model for identifying perinatal health risks will depend on the specific data set and the machine learning algorithm that is being used. However, the techniques described above can be used as a starting point.

