

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.	Model Summary	-	Machine learning techniques have the potential to improve the identification of perinatal health risks. By using these techniques, healthcare providers can identify women who are at risk of experiencing a perinatal health problem early on, so that they can receive the appropriate care. This can help to improve the health outcomes for both mothers and babies.
2.	Accuracy	Training Accuracy - Validation Accuracy -	The accuracy of identifying perinatal health risks using machine learning techniques varies depending on the specific technique and the data set used. However, in general, machine learning techniques have been shown to be effective in identifying perinatal health risks with a high degree of accuracy.

3.	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	The confidence score of identifying perinatal health risks using machine learning techniques can be used to help healthcare providers make decisions about how to care for women who are at risk of perinatal health problems. For example, a woman with a high confidence score may be referred to a specialist for further evaluation and care. A woman with a low confidence score may be monitored more closely by her healthcare provider.
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