Project Design Phase-I
Solution Architecture

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Team ID	NM2023TMID09316
Project Name	Perinatal health risk predictors using machine learning

Solution Architecture: The solution architecture for a perinatal health risk predictor using machine learning involves data collection, preparation, feature selection, model building, training, validation, deployment, monitoring, and maintenance. It's important to follow best practices and ensure that the solution is scalable, secure, and compliant with regulatory requirements.

Find the best tech solution to solve existing business problems.

- The first step in developing an effective perinatal health risk predictor is to collect and analyze large amounts of relevant data.
- NLP can be used to extract relevant information from unstructured data sources such as clinical notes and medical records.
- Machine learning algorithms can be trained to analyze medical images such as ultrasounds and MRIs to identify potential health risks.

Solution Architecture Diagram:

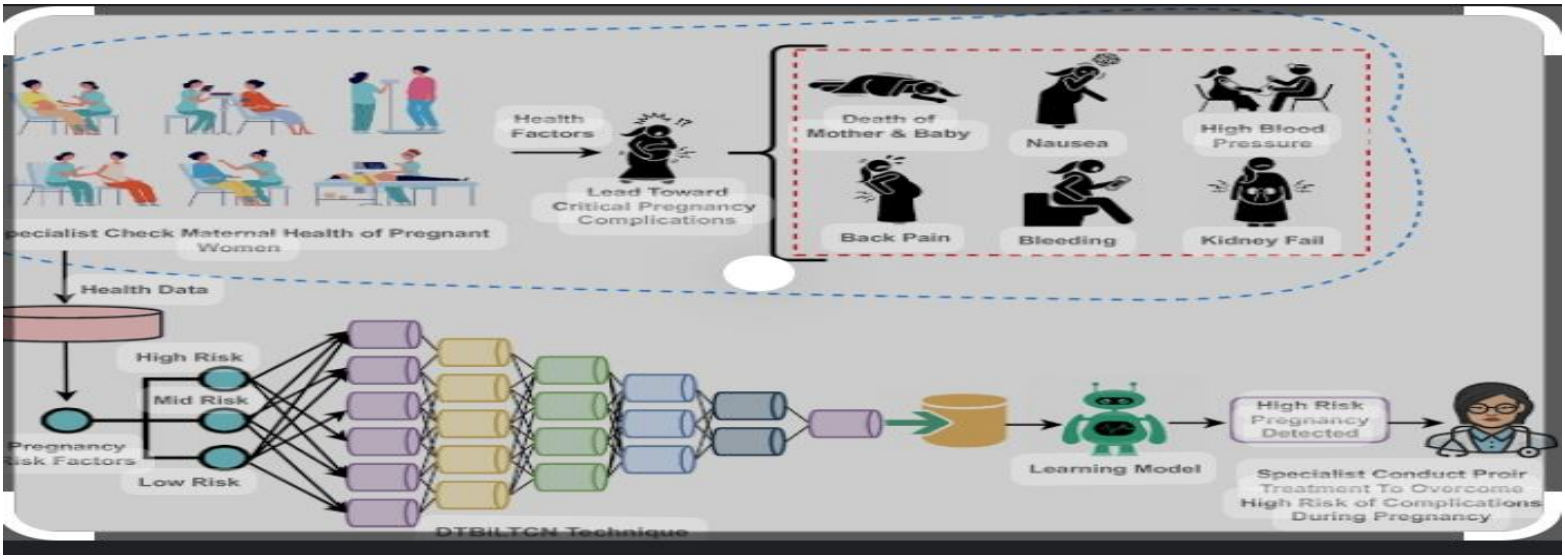

Figure 1: ***Architecture diagram for Perinatal health risk predictors using machine learning.***

Reference:*https://images.app.goo.gl/UEjNca519gQ994Yy6*