

Literature Review

1. Disease Prediction Using AI

- AI is used in healthcare to **predict diseases** early.
- Many studies focus on using **Machine Learning (ML)** to analyze medical data.

2. Common Machine Learning Models

- **Random Forest:** Uses multiple decision trees to make better predictions.
- **SVM (Support Vector Machine):** Good for classifying diseases.
- **Neural Networks:** Mimic the human brain for complex predictions.

3. Medical Datasets Used

- Researchers use datasets like:
 - **Heart Disease Dataset**
 - **Diabetes Dataset**
 - **Cancer Prediction Data**

4. Limitations of Previous Research

- Some models are not easy for doctors to understand.
- Some studies use small datasets, which may not be accurate.

5. How Our Project is Different

- We will try to use **more reliable data**.
- We will focus on making the model easy to understand for doctors.