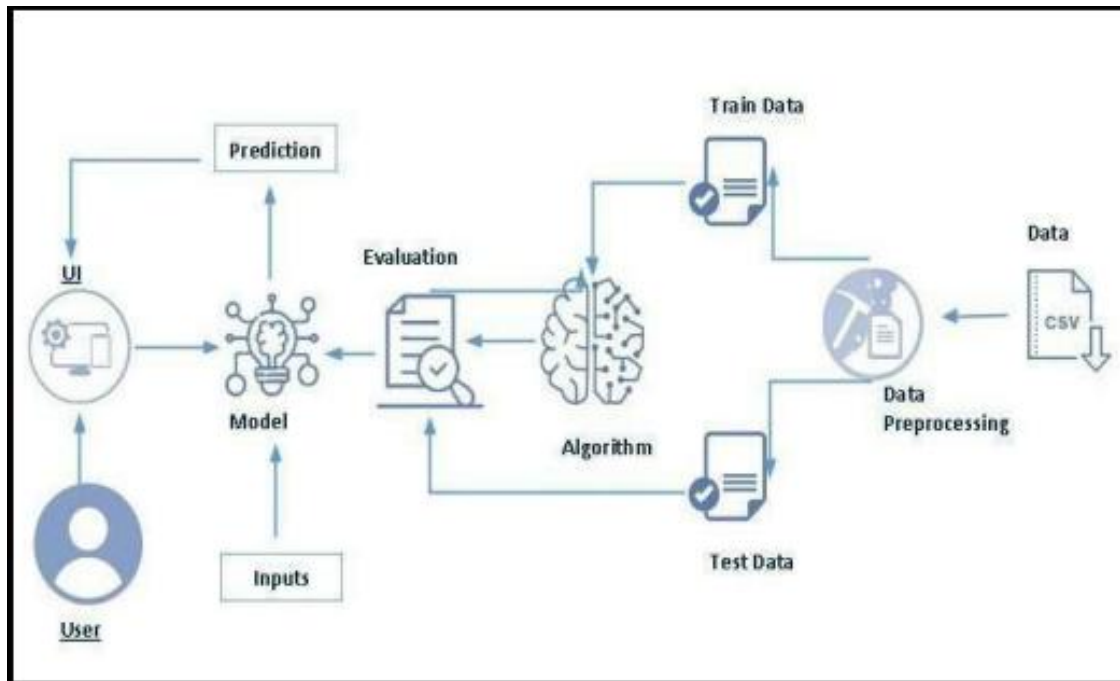


Project Design Phase-II Technology Stack (Architecture & Stack)

Date	17 February 2026
Team ID	LTVIP2026TMIDS57934
Project Name	Online Payments Fraud Detection using Machine Learning
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below



Programming Language

- Python

Machine Learning & Data Processing

- Scikit-learn
- Pandas
- NumPy
- XGBoost / Random Forest (model)

Data Visualization

- Matplotlib

Backend (if implemented)

- Flask or FastAPI

Tools & Environment

- Jupyter Notebook
- VS Code

