

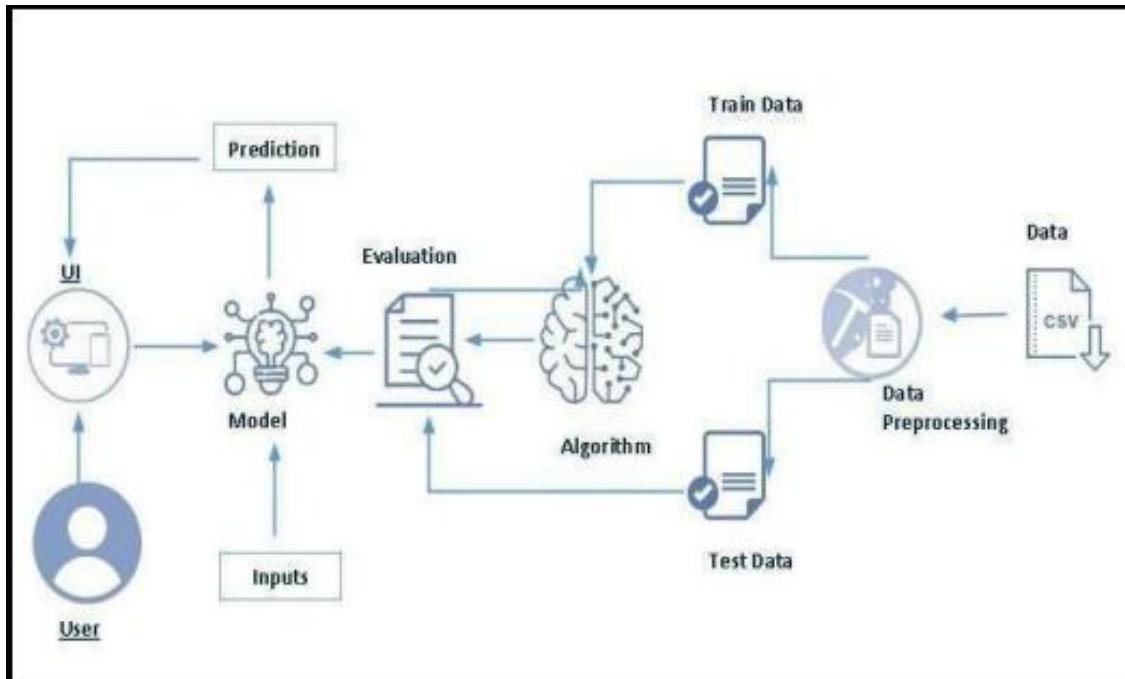
## Project Design Phase-II

### 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

