

# GitHub link:

<https://github.com/srimanoj24>

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## Guarding Transactions with AI-powered Credit Card Fraud

### Detection and Prevention

In today's digital economy, credit card transactions are ubiquitous, but so is fraud. Financial institutions face growing challenges in identifying and preventing fraudulent activities in real-time. AI-based fraud detection offers the potential to analyze large volumes of transaction data and detect anomalies effectively.

### 2. Project Objectives

- Detect fraudulent credit card transactions using machine learning.
- Reduce false positives and improve the accuracy of detection.
- Analyze transaction features to understand fraud patterns.
- Build a model that can predict and prevent future fraudulent activities.

### 3. Flowchart of the Project Workflow

