Project Proposal

Credit Card Fraud Detection

Don't Let Fraud Crash Your Credit Party: Stay Sharp, Stay Secure!

0577 4788 4210 0001

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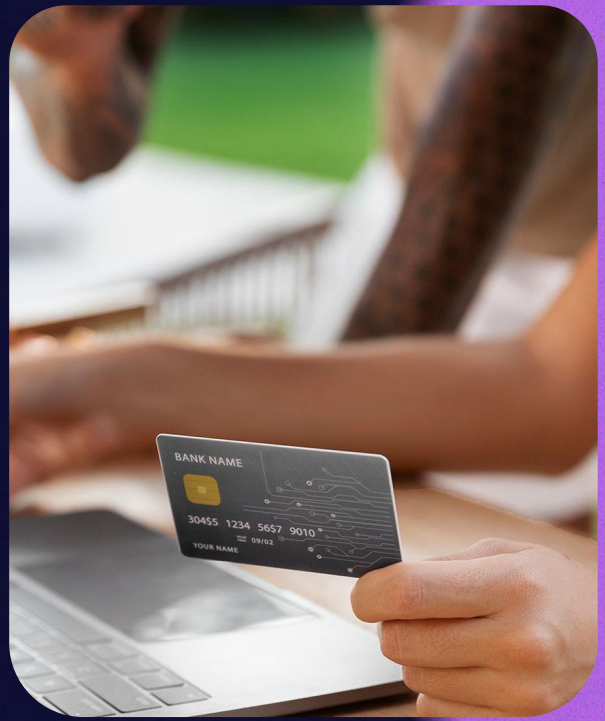
01.
ABOUT THE PROJECT



ABOUT THE PROJECT

Problem Statement: The goal is to build a fraud detection system that quickly and reliably spots illegal transactions, while minimizing the inconvenience to customers by avoiding false positives.

Opportunity: We want to build a model that can accurately anticipate fraud by using a comprehensive dataset from Kaggle. Our goal is to increase transaction security, reduce losses, and rebuild confidence in electronic payments so that credit card fraud will become less common in the future.

02.

PROJECT GOALS

GOALS

GOAL 1

Build a fraud detection system that helps institutions to prevent fraud and maintain trust of customers

GOAL 2

To decrease the number of legitimate transactions that are incorrectly flagged as fraudulent.

GOAL 3

To improve the precision of the fraud detection model so that it can identify fraudulent transactions with a higher success rate,

03.

PROJECT IMPACT

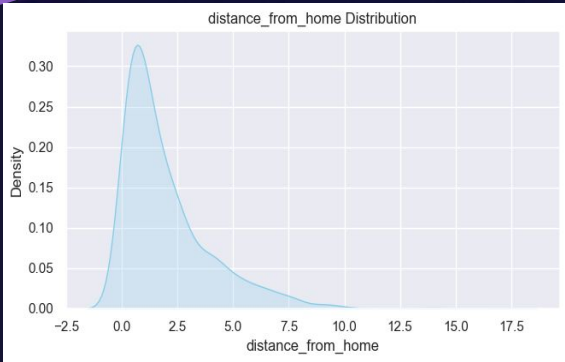
IMPACT

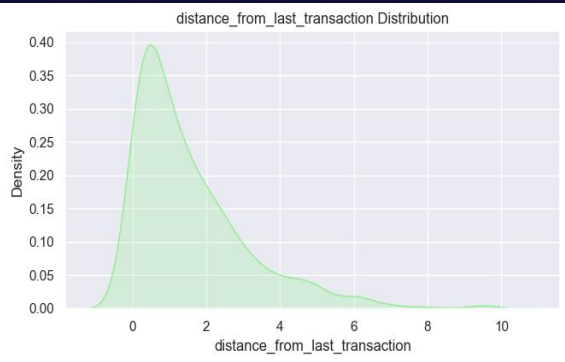
IMPACT 1	Enhanced Security
IMPACT 2	Reduce Financial Loss
IMPACT 3	Improved User Experience

04. SNEAK PEEK

The Dataset

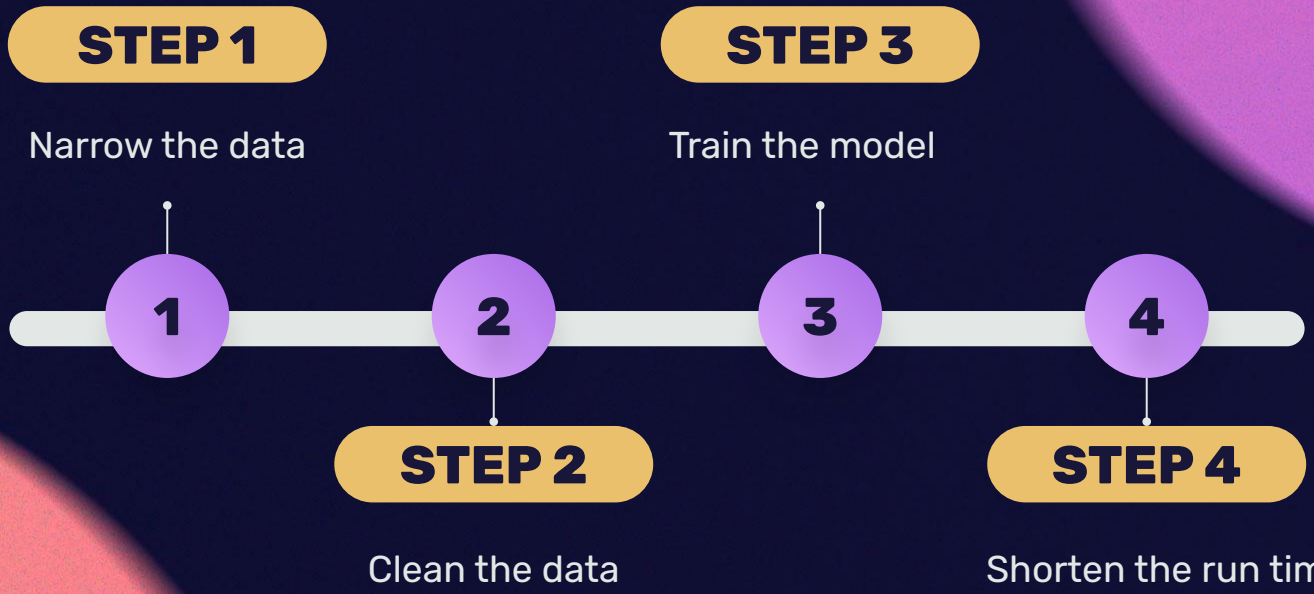
- Distance from Home
- Distance from Last Transaction
- Ratio to Median Purchase Price
- Repeat Retailer
- Used Chip
- Used PIN Number





05.
PROJECT STAGES

Next Steps


STEP 1
Narrow the data
STEP 3
Train the model
1
2
3
4
STEP 2
Clean the data
STEP 4
Shorten the run time

THANK YOU

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