Credit Card Fraud Detection System

Who is involved in the process?
- Cardholders
- Financial Institutions 🏛️
- Merchants
- Fraudsters

What do they do with it?
- Make Transactions: Amount, Date, Time, Location
- Analyse Transactions/Issue Cards: Genuine, Unauthorized, Fraudlent, Suspicious
- Accept Payments 💳
- Make Fraudulent transactions

Where do the transactions happen?
- Global: Worldwide transactions
- Online and Offline: Websites, Mobile apps, Physical Stores

When does it happen?
- Real time: Authorization, analysis ⌚
- Historical Data: Pattern analysis, Risk Assessment

How is business affected by this?
- Financial losses: Chargebacks, Financial Burden ↪️
- Reputational Damage: Investigation, Resolution