This data set contains the information of credit card transactions that are marked as fraud transactions or not.

**Build a basic Machine Learning model to predict credit card fraud. (show your solution on how to encode the many unique values category features)**

**Link submit:** [**LINK**](https://docs.google.com/forms/d/e/1FAIpQLScUmQZom3kvtizooFp78QE6gVaHbGmvEm9zrlW3uhYyWh199g/viewform?usp=pp_url)

**Dataset information:**

*trans\_date\_trans\_time: The date and time of the transaction.*

*cc\_num: credit card number.*

*merchant: Merchant who was getting paid.*

*category: In what area does that merchant deal.*

*amt: Amount of money in American Dollars.*

*first: first name of the card holder.*

*last: last name of the card holder.*

*gender: Gender of the cardholder.Just male and female!*

*street:Street of card holder residence*

*city:city of card holder residence*

*state:state of card holder residence*

*zip:ZIP code of card holder residence*

*lat:latitude of card holder*

*long:longitude of card holder*

*city\_pop:Population of the city*

*job:trade of the card holder*

*dob:Date of birth of the card holder*

*trans\_num: Transaction ID*

*unix\_time: Unix time which is the time calculated since 1970 to today.*

*merch\_lat: latitude of the merchant*

*merch\_long:longitude of the merchant*

*is\_fraud: Whether the transaction is fraud(1) or not(0)*