



# CONACOIN

GLOBAL AGENCY



# Problem Statement

- Skepticism in cryptocurrencies due to scams.
- User retention is an issue because these scams drive people away.

Eg: Save the kids, Squid, Uranium etc.

# Our Solution

To build a web application that helps in detecting potential fraud in cryptocurrencies.



# Methodology

01

**Data Collection**

02

**Data Processing**

03

**Data Analysis**

04

**Building Phase**

# Data Collection

01

Percentage of total supply held by top 50 wallets.

02

Percentage of top wallets which are other smart contracts.

03

All time high and low price data collected.

Technology use:  
Ethplorer API for first one

It can be done with CoinMarketCap APIS(we could not access it as it was paid API)





# Data Processing

## Steps involved:

- The Data collected consists of attributes crypto name, ICO price, All time high price and all time low price.
- The idea was to compare the alltime high and alltime low price to find a potential scam.
- The no of holders of each crypto is also considered.
- The percentage of top wallets held by smart contracts were also considered for the processing

# Data Analysis

- The data is exported into csv format.
- Data is normalised using Standard scalar
- KNN Classification is applied on the dataset with k in the range of 1-11.
- "Scam" is considered as class label with two unique attributes. "0" representing a scam and "1" being not a scam





# Future Scope

- Free APIs with limited access
- Improvement in the quality of data for KNN.
- We can other factors like aggregate emotion of people for better prediction

# Conclusion

Our results were skewed because of the lack of quality data hence quality of data needs to be improved inorder to get better predictions