**AI103 Final Project**

# **Dataset**

[Credit Card Fraud Detection (Kaggle)](https://www.kaggle.com/datasets/kartik2112/fraud-detection)

# **What we need to do**

* **Business Understanding**: ask questions to understand the problem
* **Data Collection**: Kaggle
* **Data Preparation**: clean the data
* **Exploratory Data Analysis**: use graphs to analyze cleaned data for modeling
* **Data Modeling**: use ML model
* **Visualization & Communication**: refer to our slide presentation
* **Deployment & Maintenance**: probably skip because how can we simulate a real/fake credit card transaction?

# **Criteria**

* Project description: what are we doing here
* Explain where we acquired the data and how we used it
* Problem statement or business understanding
* Show why our intervention solves the problem
* Quality of solution
* Show what doesn’t work

# **Reference**

* [Credit Card Fraud Detection](https://www.kaggle.com/datasets/mlg-ulb/creditcardfraud/code?resource=download)
* [Fraud Detection](https://www.kaggle.com/general/299394)
* [Credit Card Fraud Analysis and Modeling](https://www.kaggle.com/code/nathanxiang/credit-card-fraud-analysis-and-modeling)