Project description:

In this project, students are required to develop efficient and effective Ethereum fraud detection techniques by utilizing AI technology (e.g. Graph Attention Network).

Progress log of FYP:

19/8/2023: Set up environment and read incoming dataset

* Created a new environment of Anaconda Navigator specifically for the project (avoid conflict packages and documentation) A screenshot of a computer

  Description automatically generated
* Install Jupyter Notebook for the environment that can access the device CPU (Windows machine)
* Read dataset

16/9/2023: First meeting

Questions:

* Scope of the project: building model on a notebook/deploying to cloud/web app
* Datasets: Kaggle…?
* What it means to be “efficient”
* Specific neural network architectures: GATs
* Other specific technologies to be used

Read paper

Feature expansion:

Expand columns based on timestamp, to category and from from category