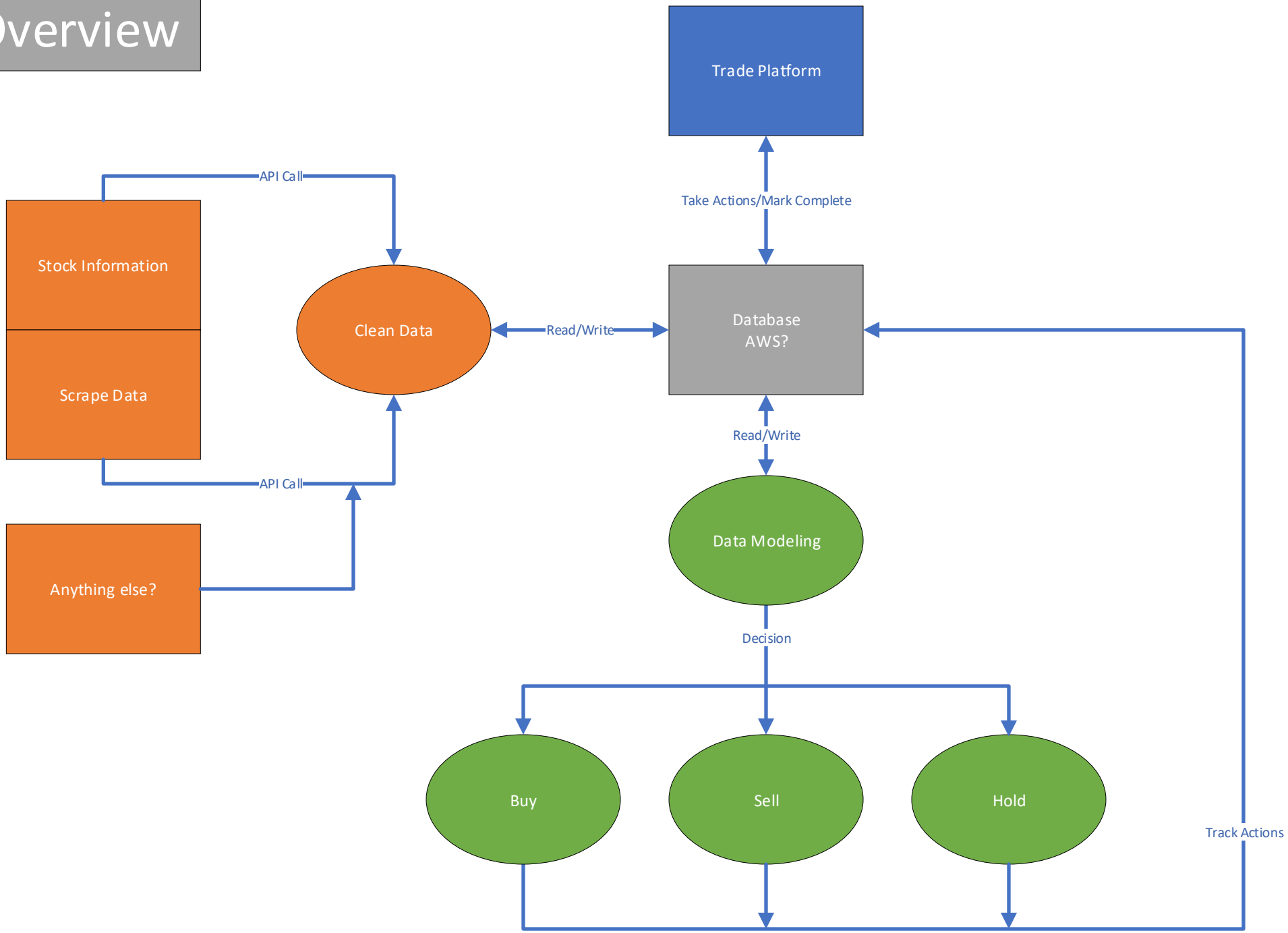
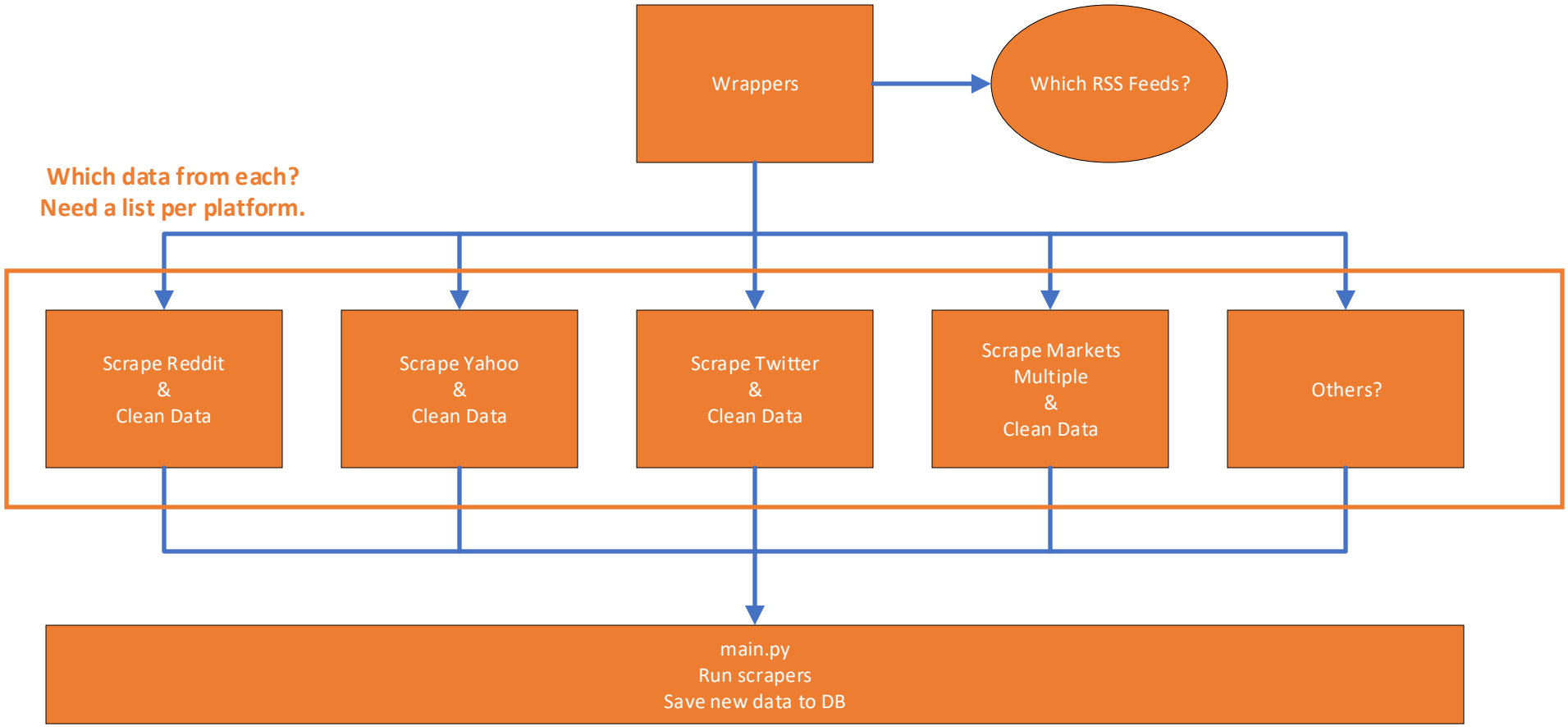
Overview


Trade Platform
Take Actions/Mark Complete
API Call
Stock Information
Scrape Data
Clean Data
Read/Write
Database
AWS?
Read/Write
API Call
Anything else?
Data Modeling
Decision
Buy
Sell
Hold
Track Actions

Data Gathering



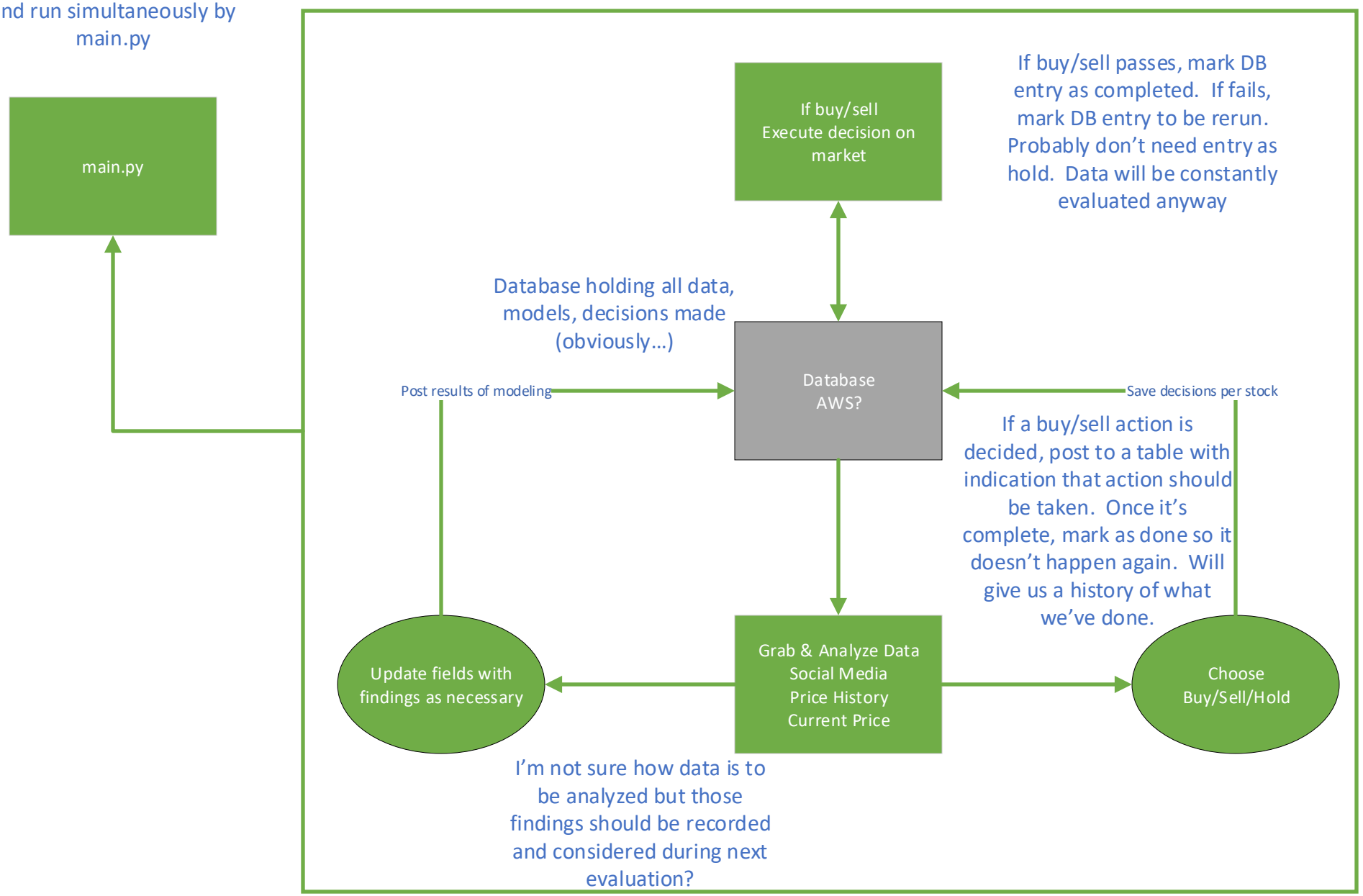
Purpose of the wrappers is to give us a place to store credentials and connection methods for each platform.

Purpose of each scraper.py is to make a call to the platform's API and decide if the data has not already been recorded. If not, save it, if yes, skip it.

Purpose of main.py will be to take all of the scrapers and run them simultaneously using threading and background processes. At intervals(or constant), check if the previous thread per scraper is still running. If not, start a new one, if yes, do nothing.

A separate connection to each RSS feed will need to be running constantly. Data coming through an RSS feed should be unique as it's coming in, save and continue listening.

Will also need a script to handle database connections so the decision to save can be made based on a real data set.
Each post should have a unique ID, we will need to include this in our stored data set to make this decision.

Modeling

All scripts will be handled and run simultaneously by main.py