

# Using Math to Game a Market

## Group

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## Data Sources

The data is gathered from the game Hypixel 'Skyblock' via the Coflnet SkyAPI a third party data collector.

## Methods

Currently all that is being done is gathering data via api calls with the requests and json python libraries. Data is stored in a pandas dataframe and will be visualized using Matplotlib. Model training and testing will likely be done using SciKit.

## Results

Current work progress is stored in a few Colab spaces.

<https://colab.research.google.com/drive/1TP461DgP-Fu3z6LqAXrehVLTcqT8iGO5?usp=sharing>

<https://colab.research.google.com/drive/18aKskqQAJgYAbDI9s21ivSDLx8KiXPfZ?usp=sharing>

## Addenda

No roadblocks have been encountered. A few speed bumps in the form of usual group project issues but all seems to be resolved. We are well on the way to completing the project on schedule.