**Fintech 5Falcon Team - Project Task**

Data:

* Data mining:
  + Lookout for impact of data availability and type on project outline
  + Team to review impact on project goals and changes necessary
  + Scope of dataset to be appropriate for project scope

**Note:** Big data datasets are difficult to manage locally

* Exploration and cleanup
  + Explore
  + Clean
  + reformat

**Important:** Keep track of exploration and cleanup steps in a dedicated jupyter notebook to keep you organized and make it easier to present your work later

* Analysis
  + massage your data ready to start crunching numbers
  + Aggregation
  + Comparison
  + Summary statistics
  + Analysis and findings
    - Look out for trends
    - ~~Sharpe ratio~~
    - ~~Beta~~
    - Monte Carlo Simulations

Important: Keep track of your work in a Jupyter notebook dedicated specifically to analysis

* Visualization
  + Plots during exploration and clean up
  + Plots during analysis phase
  + Look out for trends
* Presentation Task and marking scheme:
  + An executive summary/overview of the project and project goals. (5 points)
  + Data Collection, Cleanup & Exploration (5 points)
  + The approach that your group took in achieving the project goals. (5 points)
  + The results/conclusions of the analysis. (5 points)
  + Next Steps. (5 points)