

By: Alfredo Martinez

Date: 2017

Project Proposal

[Diversification Investment System through Clustering]

Objective:

To build a stock diversification investment system based on classification.

Project's Value and Client:

The clients are general market investors who want a more data driven system to base their investments on.

The model serves as a data driven focus classification system in compare to the current investments decision strategies mainly based on small caps, large caps, growth, etc.

Resources/Data:

- www.Quandl.com
 - <http://help.quandl.com/article/92-how-do-i-download-the-quandl-codes-of-all-the-datasets-in-a-given-database>
- www.Nasdaq.com
 - <http://www.nasdaq.com/screening/companies-by-industry.aspx?exchange=NYSE>

Approach to solve problem

1. Obtain data sets
2. Clean, structure and organize data
3. Build analysis/predictive model
4. Provide summary explaining the findings

Deliverables

A presentation: Description of what was done and its business values

Story: Problem to be resolved, analysis and findings

Code: Code description, analysis and productivity