

Python Programming

Final Project by Team Real Search

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Project Summary

We made a project to help users searching in a specific stock section, Real Estate Investment Trust (REIT). Our product has two sections; the first part allows the user to search by company's name through a text list and the second part allows a range search that sorted all the companies under the selected sub-market by the selected matrixes. We find it is hard to get the full list of REITs from either google or yahoo finance because companies' names are varies and it is impossible to input a description to search out all of them. Thus, we get a full list of REITs from REIT.com and use the tickers to search in the google finance and return the information. We also compared the company's P/E to the market average and give a note to investors that if the company is traded under- or over value. For the second part, we first let the user to choose which submarket they are looking for, and then within that market, we have 5 matrixes which we could sort the companies according to.

In the future, we will first find a way to make the website faster, and then besides the P/E , we will probably add more valuation notes that can give users a better sense of the company's performance. We also want to have more matrixes in the second part and definitely improve the pages outlook to a more professional standard.

We hope the website can provide a better way of deal pre-selection for the individual REIT investors or those small institution investors. Real Estate is more private and has less information channels than the general stock market, thus we think making a website that generates and organizes REIT's information will be useful.