| Team Details | Team#: S17-30  
Title: Beat the Market  
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| Keywords(max 10) | Finance, Algorithm, Auto-Regressive-Integrated-Moving-Average, Android, Trading Tool |
| Abstract | The objective of our project was to create an app that is useful to the casual investor. We wanted to create an app that is backed with an algorithm that does all of the basic stock analysis for you in order to execute a short length trade. We used various strategies in order to achieve this such as a non-linear regression model to filter out the stocks we believed were trending upwards as well as multiple industry factors to determine risk. Overall we were able to accomplish our task of outputting to the user stocks that we felt are worthwhile investing in and now look forward to adding more parameters to the filters in order to strengthen our algorithm. |