

EE/CprE/SE 492 Biweekly Report 7

November 21 - December 3

sddec18-13: Asset management - Financial Factor Discovery - "Value"

Client: Principal Global Investors

Advisor: Chinmay Hegde

Team Members

Carter Scheve — *Communications Lead*

Nathan Hanson — *Project Progress Tracker/Manager*

Caleb Utesch — *Meeting Scribe*

Jack Murphy — *Research Analyst*

Samuel Howard — *Lead Engineer*

Alex Mortimer — *Project Manager*

Biweekly Summary of Progress

This is the seventh bi-weekly report for our senior design class. Since our last report, in which the prediction pipeline was implemented, the pipeline has been finalized and tested. The poster has been submitted, printed, and is ready to be laminated. The final report and presentation are in the process of finalization, with practices scheduled for later in the week. Our industry review panel presentation is scheduled for Thursday, and thus the majority of efforts have been in preparation for it.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Carter Scheve	For technical work, some fixes to existing classes were implemented. This was because when enumerating graphs for the poster, errors were raised. From there, documentation of code was finished up, finalized, and a graphical version of the documentation was generated. Final poster was worked on and completed, as well as the final report.	17	115
Nathan Hanson	Finalized pydocs, generated html documentation for all pipeline classes. Added pipeline to repository. Worked on	16	91

	poster. Worked on presentation. Worked on final report.		
Caleb Utesch	Helped write PyDocs for several of the classes within the pipeline code. Helped run a couple tests on the finalized pipeline in order to ensure that it was working correctly. Worked on final report, poster and presentation.	15	92
Jack Murphy	Wrote documentation for some of the pipeline code. Added some final adjustments to the Recursive Feature Elimination component of the pipeline. Worked with the team on the poster, presentation and report.	14	94
Samuel Howard	Helped to finalize and document pipeline. Created the result class and updated the class diagram. Worked on final poster, presentation, and report.	18	100
Alex Mortimer	Finalized the Pipeline class, fitting the different components together to run the code from beginning to end. The pipeline now can go from raw stock-level data to accuracy results with one call from the command line. Worked a lot on the final poster and presentation. Ordered the prints of the poster and picked it up, still have to get it laminated and attached to a foam board.	14	105

Pending Issues

- Presentation Practice
 - Finish Final Report
 - Finish Final Presentation
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Plans for Upcoming Reporting Period

- Present to the IRP Thursday 12/6, attend poster session
- Graduate