

**sdmay19-06: Quantitative Research Modeling Library**

Week 13 Report

April 22 - April 29

Client: Joseph Byrum

Advisor: Srikanta Tirthapura

**Team Members**Josiah Anderson — *Meeting Facilitator*Doh Yun Kim — *Scribe*Gabriel Klein — *Report Manager*Drake Mossman — *Communication Manager*Nathan Schaffer — *Overseer*Jacob Richards — *Quality Assurance Manager*

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**Summary of Progress this Report**

During this last week of the project, our team mostly focused on finalizing all of our deliverables for the course, both for our client and for the class. We finished writing all of our test code and merged all of our code into master for our client. We also completed writing the final report and operation manual. Finally we created a presentation and practiced it as a team to give to both the industry review panel and our client. At this point all work for the class should be complete and we are ready to deliver our project to our client in the coming days.

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**Past Week Accomplishments**

Josiah Anderson

- Worked on Database, lessons learned, summary, and roles sections of the final report
- Table schema descriptions for the database
- Final Presentation

Doh Yun Kim

- Finish up final report
- Finish up operation manual
- Tidy up database functions for Predictions, Stock Scoring
- Practice presentation

Gabriel Klein

- Finalized format and content of final report
- Finalized format and content of operation manual
- Updated team website with new documents
- Practiced final presentation

Drake Mossman

- Improved compliance of example scoring class implementations with pipeline expectations
- Finished unit tests for stock scoring system
- Finished integration tests for DynamicRiskPremium package
- Finished description of scoring classes in operation manual

- Contributed toward final report content and revisions
- Practiced for final presentation

Jacob Richards

- Helped finish final report
- Finished database section of operation manual
- Re-created database schema
- Practiced Presentation

Nathan Schaffer:

- Operation manual
  - Contributed to Stock scoring section
- Final Report
  - Contributed to Stock scoring section

### Individual Contributions

| Team Member     | Contribution  | Weekly Hours | Total Hours |
|-----------------|---|--------------|-------------|
| Josiah Anderson | Report, Presentation  | 20           | 201.5       |
| Doh Yun Kim     | Presentation, Final Report, Database                              | 15           | 176         |
| Gabriel Klein   | Finalized Documents, Website, Presentation                        | 12           | 198         |
| Drake Mossman   | Tests for Integration and Scoring, Operation Manual, Final Report | 21           | 203.25      |
| Nathan Schaffer | Operation Manual, Final Report                                    | 10           | 160         |
| Jacob Richards  | Operation Manual, Final Report                                    | 8.5          | 154.75      |