Sprint 2

SCRUM Meeting 4/19/2025

Completed since our last meeting

- Implemented data visualization
- Integrated Google Sheets API for data import
- Validated UI dropdown fields
- All tasks from our previous Sprint

Topics before our next meeting

- Implement the chart update button
- Add a toggle between the table and the chart
- Handle API rate limit errors
- Gracefully handle missing or malformed user input
- Modify the Pop-up interface for better UX

Roadblocks

- Chart update integration complexity – may need to simplify chart update logic
- Google Docs API permissions for dynamic charts – workaround includes static chart

snapshots

Retrospective

Impediments

- Chart and table toggle delayed due to UI limitations

Definition of Done

- Toggle functionality must allow seamless switching without a UI refresh
- The chart update button must refresh with new data within 2 seconds

Things that went well

- Table generation was smooth
- Stats display worked correctly
- Collaborative effort improved task speed

Lessons Learned

- Front-loading UI planning could reduce iteration cycles
- Pair programming was effective for debugging

Future Improvements

- [High] Enhance exception handling
- [Medium] Polish UI design further
- [Feature] Add user-configurable analysis options

Sprint Backlog

- Implement the chart update button
- Add a chart/table toggle in UI
- Improve error-handling logic
- Refactor the existing UI for modularity
- Test toggling on multiple data inputs
- Improve documentation of UI and features
- Modify the Pop-up interface
- Redesign layout
    - Add animation on open/close
    - Add a help tooltip for each field
    - Add error-handling for edge cases

Updated Product Backlog

- [Feature] Implement stock analysis algorithms
- [Enhancement] UI/UX improvements
- [Essential] Testing and debugging
- [Essential] Documentation creation
- [Feature] Develop user-configurable options
- [Visual] Polish on generated charts