Sprint plan

- Prepare for presenting to PEs - ==All==
    - Designate who will deliver each section of content.
    - Create a baseline script for your section.
- Poster Finalization - ==All==
    - Incorporate feedback after the Qorvo presentation.
- Sign up for symposium - ==Ashley==
    - Gather poster, class, and project information to provide for registration
- Code Review - ==All + Qorvo==
    - Conduct a peer code review on our pipeline with qorvo
- Dependency Audit & SBOM - ==All==
    - Collaborate with client and dev team to identify all third-party components, packages, tools, and dependencies
    - Document each component's version, license, cost (if any), and maintenance considerations
    - Review and finalize with qorvo
- Data processing update - ==Nate==
    - Modify impute function to run on agg tests instead of all tests
    - Write impute to preserve the cSession to allow integration with agg
- Provide data to clients from varied model input - ==Tristan==
- Package model, visualization code, create logger. - ==Tristan==
- Continue creating helper files - ==All==

Sprint Execution Notes

- **Client Meeting Notes**

Symposium: May 21st 4-6pm

April 29th, 2025 Meeting Notes
1 pm Thursday the 8th presentation
Notebook that calls modules and passes

- Set up as package
- Or set up with an internal package?
- Set spark as keyword only argument
    - When it gets updated, it will find and replace later with decorator package

In abstract, detail into the data- patterns of (erc?) electrical test results, how many wafers, etc
Visually plot the wafer cause you can't tell from the raw data

April 15th, 2025 Meeting notes
Package up and run through by next week and output it to data frames

- Scale, features, and such
- Sample notebooks for code walkthrough

- Include scale on heat maps - avg of correlated tests
- Option in pipeline to run individual tests
  - Pass in array of test names or all tests
- Clustering tests effective
  - Choose on tests from each cluster instead of avg?
  - Different features made better differentiation <— add to presentation for best practices/lessons learned
- Run only on full wafer maps vs partial wafers
  - Works, already an option, will generate an image with that

- **Issues**
  - Had issues with agg tests receiving the correct data when we started moving functions into our pipeline.
- **Test Report**
  - Making more edits and helper functions before we have new test results
- **Tasks**
  - Prepare for presenting to PEs - All - In Progress(expected)
  - Poster Finalization - All - In Progress(expected)
  - Sign up for symposium - Ashley - Complete
  - Code Review - All + Qorvo - In Progress(expected)
  - Dependency Audit & SBOM - All - In Progress(expected)
  - Data processing update - Nate - In Progress(expected)
  - Update backlog with any new tasks - Nate/Ashley - In Progress(expected)
- **Changes**
  - Started creating pipeline with helper functions

Sprint Retrospective

- What went well in the sprint?
  - Starting back up on the code
- What didn't go well?
  - Issues with agg tests
  - Losing motivation to do the write ups for class
- What will you do differently next sprint?
  - Start working earlier in sprint

Next Sprint

- Submit poster to be printed for the symposium- Ashley

- Finalize our elevator pitch for the symposium- All
- Update backlog with any new tasks - Nate/Ashley
- Package model, visualization code, create logger. - Tristan
- Continue creating helper files - All