# Task Schedule

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| Task | Duration | Description |
| Project Setup | 2 hours | Set up the project environment, install dependencies, and create the basic structure. |
| Data Import Functionality | 2 hours | Implement the read\_grades function to read data from a CSV file. |
| Grade Analysis Functions | 2 hours | Implement functions to calculate average, median, and identify trends. |
| Performance Prediction | 1.5 hours | Implement the predict\_future\_performance function. |
| Report Generation | 1.5 hours | Implement the generate\_report and display\_report functions. |
| Data Visualization | 1.5 hours | Implement the plot\_grades function using matplotlib. |
| Testing and Debugging | 1.5 hours | Test the tool with sample data, fix bugs, and ensure all features work as expected. |
| Documentation | 1.5 hours | Write the README file, report, and comments in the code for clarity. |