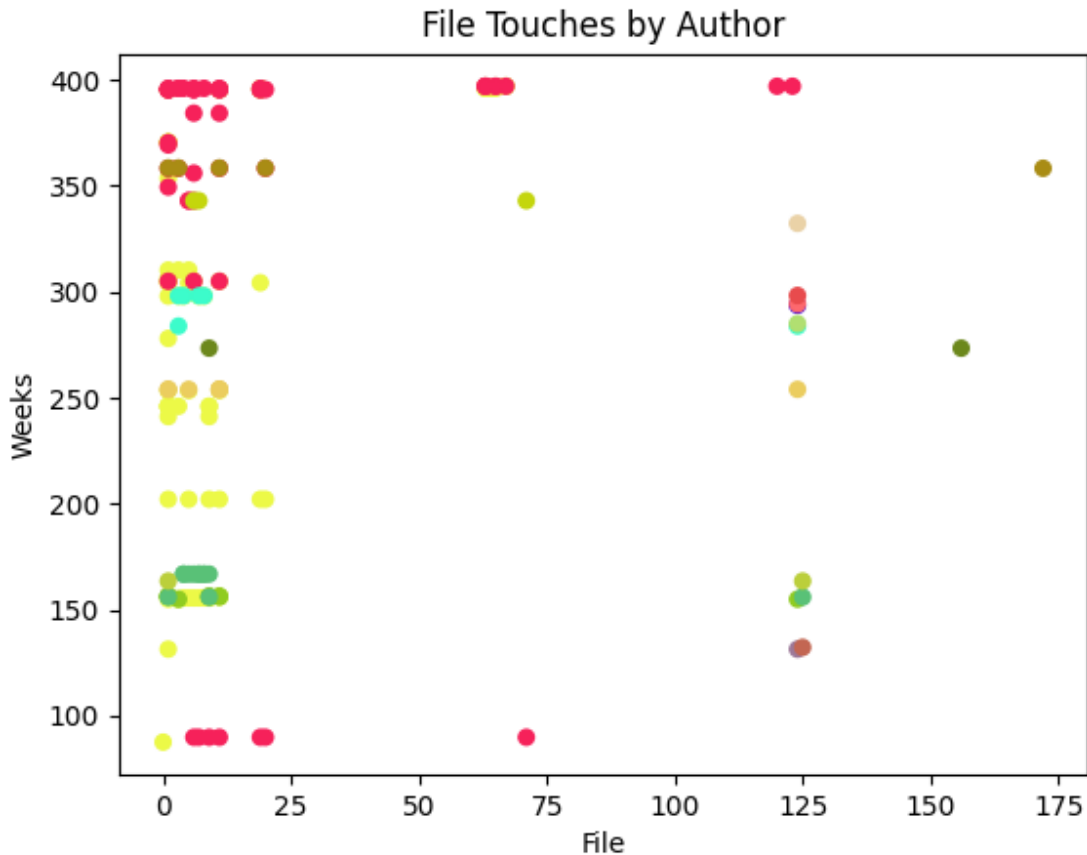


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### Executive Summary

Forked repository: [https://github.com/CivBuilder/cs472project/tree/main/repo\\_mining](https://github.com/CivBuilder/cs472project/tree/main/repo_mining)



In order to justify which engineers are contributing the most to our project, and which are not I have composed a few Python scripts to gather the amount of commits by file (per author and weeks from today, with the closest to the x-axis being recent contributions). With use of the GitHub API we can clearly see who is a top performer, and who could use a performance review.

From this data we can clearly see that several contributors are barely participating, while others are highly engaged. In fact, we haven't had many recent contributions and it is continuing to dwindle. It is clear that Leon Karabchevsky and Ivan Vlasov could use an improvement to their performance; however, Matthew Rollings deserves some recognition.

I found while doing this project that git commit was my best friend. I constantly needed to commit my work so that I did not lose any contributions I made, or had to hit the undo button 20+ times. Everytime a change is made that is significant I firmly believe a commit should be made, this way if we have to undo/revert it we easily can without affecting the rest of our PRs.