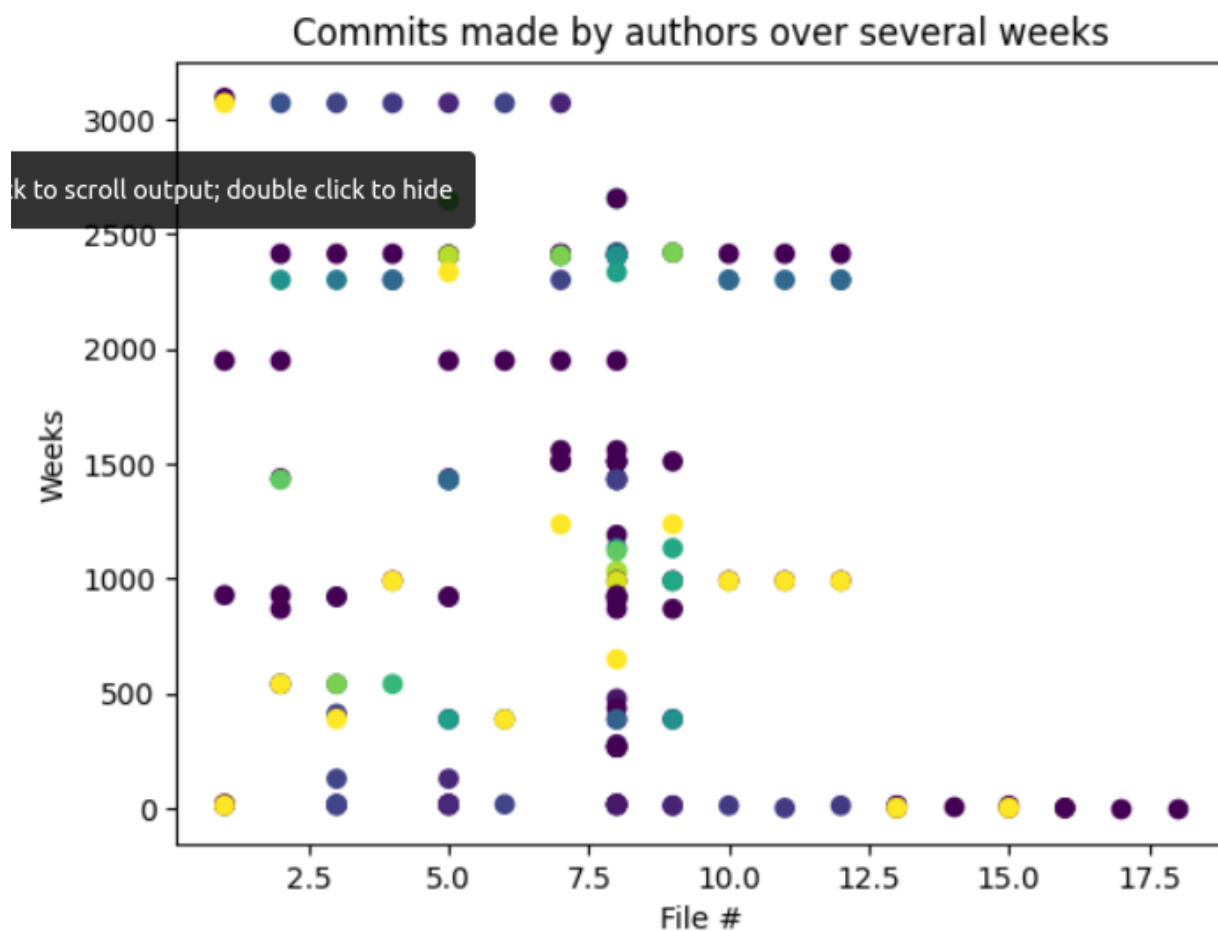Erick Serrano
Executive Summary
01/26/23

In this report, we observer the contributions made by several authors over recent years to the github repository **scottyab/rootbeer,** a java based project that is publicly available. To look at key contributions, we observed the commits made on *source files,* or java-based files (which makes sense since this is a java-based project).

The results varied across different authors. In fact, a few files did not have very many commits, while others remained maintained for several years by many authors. Figure 1 describes the number of commits (colored differently per author) made per file.

In addition, we see just how long the file has been maintained. It was clear that Scott Alexander-Bown, and Matthew Rollings are the top contributors to the source files in the repository. They also maintained contributions across several years. However, developers such as Andy Barber and Mohammed Ezzat only made few contributions and we did not see any more apart from that.

Finally, I found that the best git commands to use were git branch "-r" and git merge (where I used the –help function very often). I had to memorize over and over how these functions worked.