Index Report

For this project, I have an index created for the activity\_date as I thought that it was the most important index to include since it has a high chance of returning the activities that are belong on a specific day. Regarding my other possible columns, I could use as indexes, indexing my IDs would not be useful because I wouldn’t see a valid reason to specifically filter out an activity by the ID given the other parameters, which would likely involve using the date field anyways. For importance, time spent, and productivity I could have added other indexes as well but since I wasn’t able to give myself enough time to implement range queries, I decided to not include them as well.

Indexing helps support the ability to view the tables and with the filter option I used for my application and also helps me out in regard to the report as well as my aggregate report was synced with my main table as I was working on the application.