

Lab 5

Group 18

Extension Part 1: Latency & stability

Using a shorter time window (1-minute) increases the latency as we get more frequent updates as compared to a longer window (10-minutes), but this also leads to results which are short lived i.e the songs which trend for only 1 minute. As compared to this the longer windows will skip songs which trend for a shorter time, hence using a balanced window of 5 minutes is best in terms of latency and stability