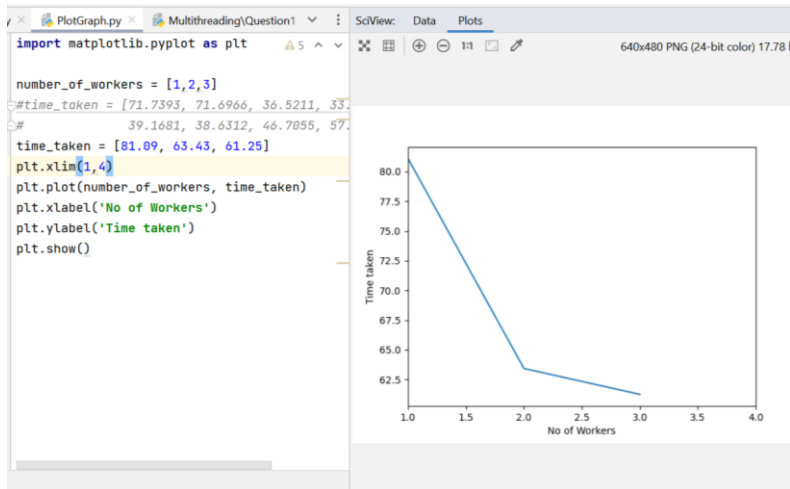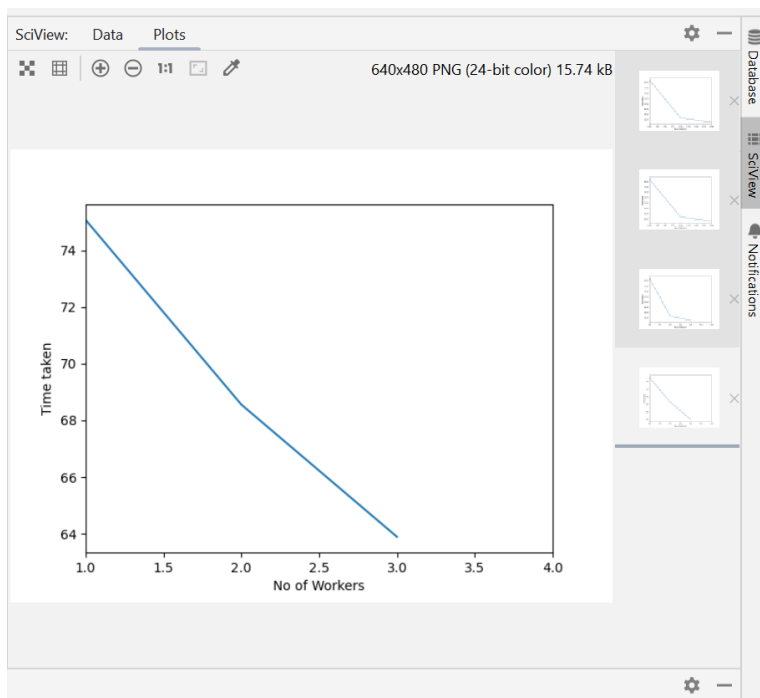# MPI Execution Analysis

Q1: Which Airline had the most cancelled flights in September 2021?
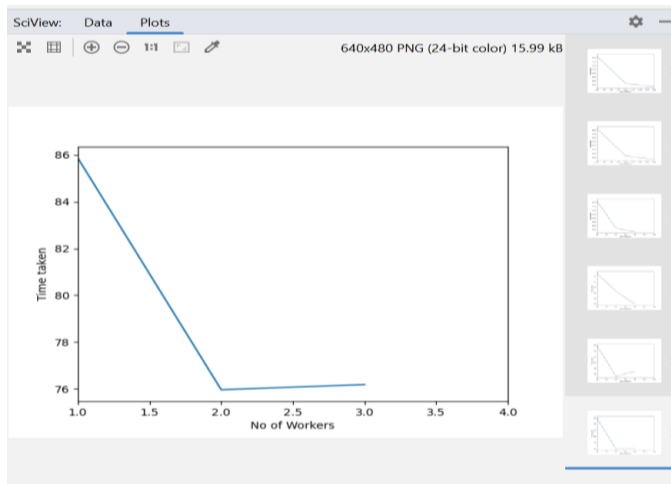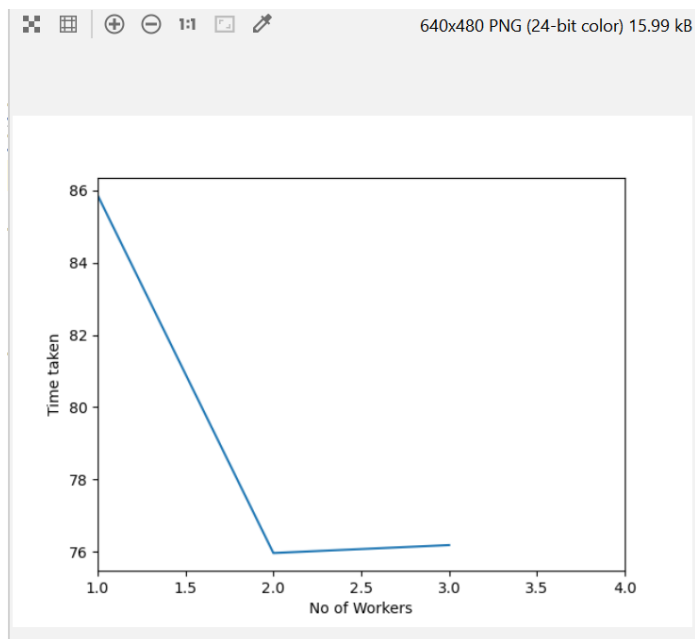
Analysis for 1,2,3 worker nodes.

Q2: How many flights were diverted between the period of 20th-30th November 2021?

Q3: What was the average airtime for flights that were flying from Nashville to Chicago?

Q4: For which date was departure time (DepTime) not recorded/went missing?

Report

We can observe that as we increase the number of workers the number of chunk each node has to process decreases so the amount of computation load gets divided when we increase

worker node and that's why we can observe here that time of execution is decreasing as we are increasing number of worker node.