Analysis for MapReduce Vs Spark

The final results of the whole assignment is shown as a graph below. Here the average time of 5 tests which used same query is considered as the execution time for each scenario.

|  |  |  |
| --- | --- | --- |
| **Time Taken By Query (s)** | **HiveQL** | **Spark-SQL** |
| Carrier Delay | 17.726 | 7.346 |
| NAS Delay | 15.699 | 3.336 |
| Weather Delay | 14.3516 | 3.092 |
| Late Aircraft Delay | 15.031 | 3.228 |
| Security Delay | 13.008 | 3.318 |