spark_submit_batch.py

```
1/ 4012// NUnc/
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@7268c0d4{/metrics/json,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO internal.SharedState: loading hive config file: file:/spark2.4/conf/hive-site.xml
21/09/19 13:54:47 INFO internal.SharedState: Setting hive.metastore.warehouse.dir ('null') to the value of spark.sql.warehouse.dir ('/apps/sp
ark/warehouse').
21/09/19 13:54:47 INFO internal.SharedState: Warehouse path is '/apps/spark/warehouse'.
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@1675e04c{/SQL,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@67e03468{/SQL/json,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@72762d9d{/SQL/execution,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@3257124d{/SQL/execution/json,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@19a4b1a6{/static/sql,null,AVAILABLE,@Spark}
21/09/19 13:54:48 INFO state.StateStoreCoordinatorRef: Registered StateStoreCoordinator endpoint
START BATCH LOADING. TIME = 20210919135450
FINISHED BATCH LOADING. TIME = 20210919135450
[student782_11@bigdataanalytics2-worker-shdpt-v31-1-0 ~]$
```

```
ark/warehouse').
21/09/19 13:54:47 INFO internal.SharedState: Warehouse path is '/apps/spark/warehouse'.
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@1675e04c{/SQL,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@67e03468{/SQL/json,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@72762d9d{/SQL/execution,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@3257124d{/SQL/execution/json,null,AVAILABLE,@Spark}
21/09/19 13:54:47 INFO handler.ContextHandler: Started o.s.j.s.ServletContextHandler@19a4b1a6{/static/sql,null,AVAILABLE,@Spark}
21/09/19 13:54:48 INFO state.StateStoreCoordinatorRef: Registered StateStoreCoordinator endpoint
START BATCH LOADING. TIME = 20210919135450
FINISHED BATCH LOADING. TIME = 20210919135450
[student782_11@bigdataanalytics2-worker-shdpt-v31-1-0 ~]$ hdfs dfs -ls tmp/file_output
Found 1 items
drwxr-xr-x   - student782_11 student782_11          0 2021-09-19 13:54 tmp/file_output/p_date=20210919135450
[student782_11@bigdataanalytics2-worker-shdpt-v31-1-0 ~]$
```

spark_submit_finite_stream.py

```
21/09/19 14:01:49 INFO datasources.InMemoryFileIndex: It took 14 ms to list leaf files for 1 paths.
21/09/19 14:01:49 INFO util.ShutdownHookManager: Deleting directory /tmp/spark-6acffa40-9404-4158-a997-932a0084116f
[student782_11@bigdataanalytics2-worker-shdpt-v31-1-0 ~]$ hdfs dfs -ls tmp/file_output
Found 2 items
drwxr-xr-x   - student782_11 student782_11          0 2021-09-19 13:54 tmp/file_output/p_date=20210919135450
drwxr-xr-x   - student782_11 student782_11          0 2021-09-19 14:01 tmp/file_output/p_date=20210919140148
[student782_11@bigdataanalytics2-worker-shdpt-v31-1-0 ~]$
```

spark_submit_unfinite_stream.py

```
21/09/19 14:08:45 INFO storage.BlockManagerMaster: BlockManagerMaster stopped
21/09/19 14:08:45 INFO scheduler.OutputCommitCoordinator$OutputCommitCoordinatorEndpoint: OutputCommitCoordinator stopped!
21/09/19 14:08:45 INFO spark.SparkContext: Successfully stopped SparkContext
21/09/19 14:08:45 INFO util.ShutdownHookManager: Shutdown hook called
21/09/19 14:08:45 INFO util.ShutdownHookManager: Deleting directory /tmp/spark-213c7c17-837b-46a9-bef2-28c39f4b41e9
21/09/19 14:08:45 INFO util.ShutdownHookManager: Deleting directory /tmp/spark-1c162412-1612-4b1b-b6f3-e0614d20147a/pyspark-b2033d3a-0d09-440
e-9f57-8b7af921731b
21/09/19 14:08:45 INFO util.ShutdownHookManager: Deleting directory /tmp/spark-1c162412-1612-4b1b-b6f3-e0614d20147a
[student782_11@bigdataanalytics2-worker-shdpt-v31-1-0 ~]$ hdfs dfs -ls tmp/file_output
Found 3 items
drwxr-xr-x   - student782_11 student782_11          0 2021-09-19 13:54 tmp/file_output/p_date=20210919135450
drwxr-xr-x   - student782_11 student782_11          0 2021-09-19 14:01 tmp/file_output/p_date=20210919140148
drwxr-xr-x   - student782_11 student782_11          0 2021-09-19 14:05 tmp/file_output/p_date=20210919140530
[student782_11@bigdataanalytics2-worker-shdpt-v31-1-0 ~]$
```