CS 643 CLOUD COMPUTING PROGRAMMING ASSIGNMENT-2

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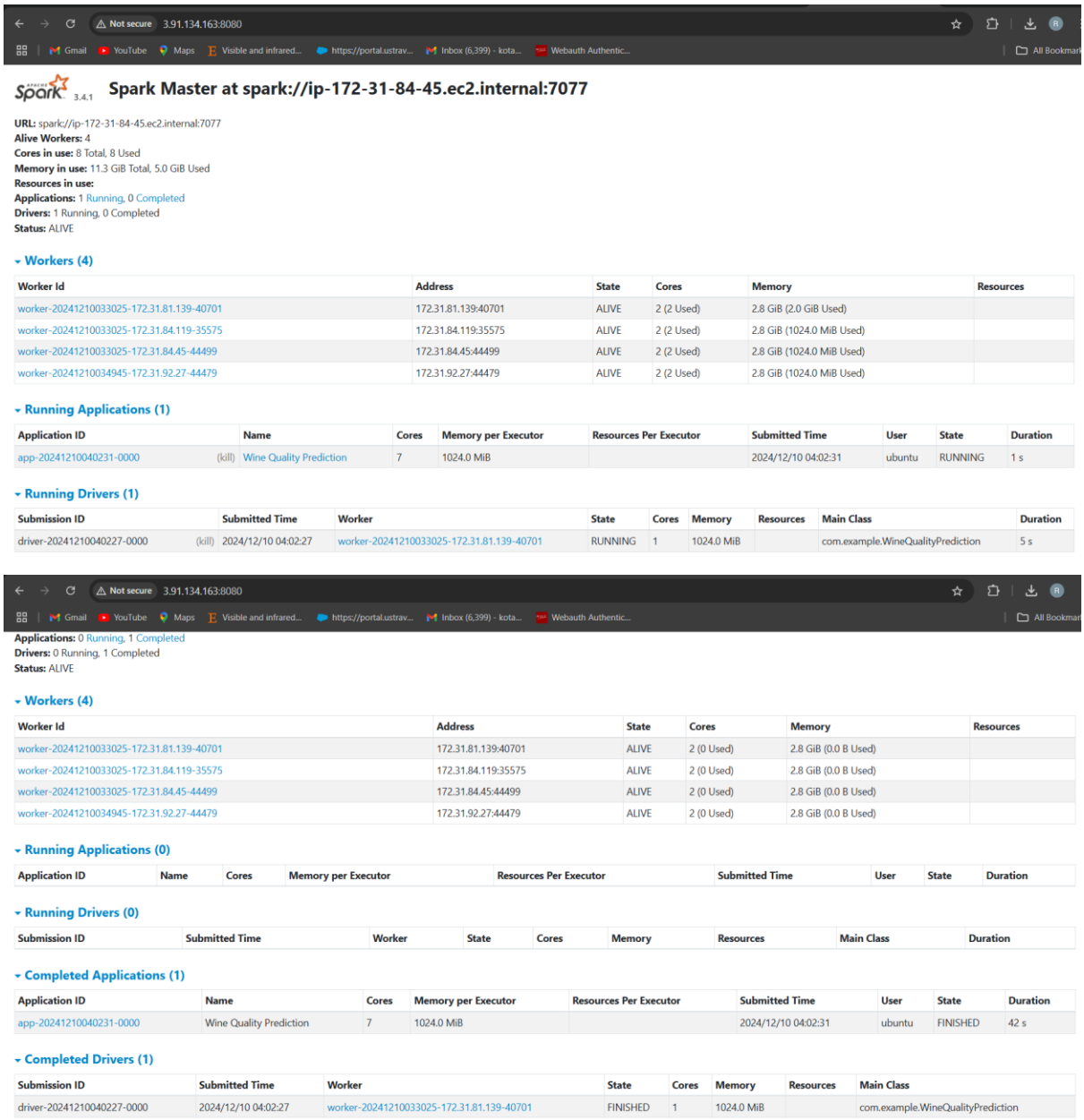
Github link : https://github.com/ranjit1706/cc_Assignment2

Docker link : https://hub.docker.com/r/ranjit1706/wine-quality-testing

Training dataset:



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Spark Master at spark://ip-172-31-84-45.ec2.internal:7077

URL: spark://ip-172-31-84-45.ec2.internal:7077
Alive Workers: 4
Cores in use: 8 Total, 8 Used
Memory in use: 11.3 GiB Total, 5.0 GiB Used
Resources in use:
Applications: 1 Running, 0 Completed
Drivers: 1 Running, 0 Completed
Status: ALIVE

Workers (4)

Worker Id	Address	State	Cores	Memory	Resources
worker-20241210033025-172.31.81.139-40701	172.31.81.139:40701	ALIVE	2 (2 Used)	2.8 GiB (2.0 GiB Used)	
worker-20241210033025-172.31.84.119-35575	172.31.84.119:35575	ALIVE	2 (2 Used)	2.8 GiB (1024.0 MiB Used)	
worker-20241210033025-172.31.84.45-44499	172.31.84.45:44499	ALIVE	2 (2 Used)	2.8 GiB (1024.0 MiB Used)	
worker-20241210034945-172.31.92.27-44479	172.31.92.27:44479	ALIVE	2 (2 Used)	2.8 GiB (1024.0 MiB Used)	

Running Applications (1)

Application ID	Name	Cores	Memory per Executor	Resources Per Executor	Submitted Time	User	State	Duration
app-20241210040231-0000 (kill)	Wine Quality Prediction	7	1024.0 MiB		2024/12/10 04:02:31	ubuntu	RUNNING	1 s

Running Drivers (1)

Submission ID	Submitted Time	Worker	State	Cores	Memory	Resources	Main Class	Duration
driver-20241210040227-0000 (kill)	2024/12/10 04:02:27	worker-20241210033025-172.31.81.139-40701	RUNNING	1	1024.0 MiB		com.example.WineQualityPrediction	5 s

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Applications: 0 Running, 1 Completed
Drivers: 0 Running, 1 Completed
Status: ALIVE

Workers (4)

Worker Id	Address	State	Cores	Memory	Resources
worker-20241210033025-172.31.81.139-40701	172.31.81.139:40701	ALIVE	2 (0 Used)	2.8 GiB (0.0 B Used)	
worker-20241210033025-172.31.84.119-35575	172.31.84.119:35575	ALIVE	2 (0 Used)	2.8 GiB (0.0 B Used)	
worker-20241210033025-172.31.84.45-44499	172.31.84.45:44499	ALIVE	2 (0 Used)	2.8 GiB (0.0 B Used)	
worker-20241210034945-172.31.92.27-44479	172.31.92.27:44479	ALIVE	2 (0 Used)	2.8 GiB (0.0 B Used)	

Running Applications (0)

Application ID	Name	Cores	Memory per Executor	Resources Per Executor	Submitted Time	User	State	Duration

Running Drivers (0)

Submission ID	Submitted Time	Worker	State	Cores	Memory	Resources	Main Class	Duration

Completed Applications (1)

Application ID	Name	Cores	Memory per Executor	Resources Per Executor	Submitted Time	User	State	Duration
app-20241210040231-0000	Wine Quality Prediction	7	1024.0 MiB		2024/12/10 04:02:31	ubuntu	FINISHED	42 s

Completed Drivers (1)

Submission ID	Submitted Time	Worker	State	Cores	Memory	Resources	Main Class
driver-20241210040227-0000	2024/12/10 04:02:27	worker-20241210033025-172.31.81.139-40701	FINISHED	1	1024.0 MiB		com.example.WineQualityPrediction

Result :

F1 Score: 0.8104636591478698