Cloud Computing-5573 Group8:

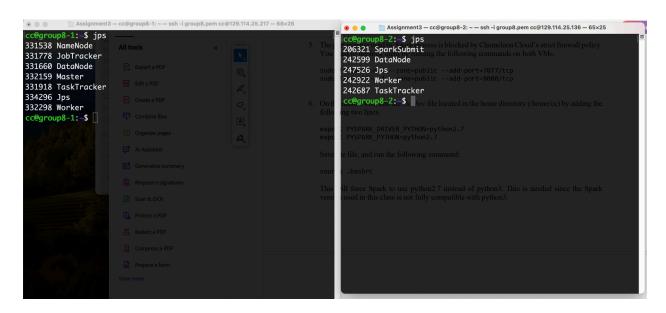
Date: 10/20/2024 Amjad Alqahtani

Caleb Alva

Nicholas Winkelmann

Assignment 2: Spark Setup and Programming

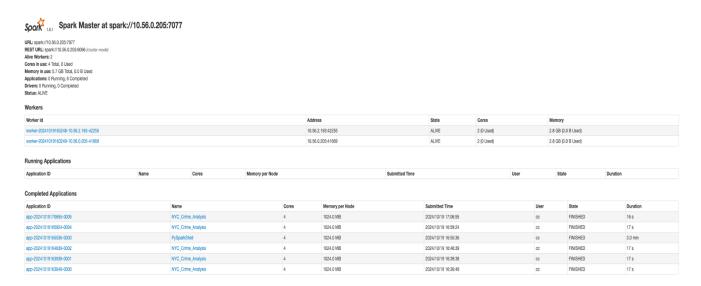
Part 1: We have followed the instructions provided in the assignment handout from step 1 through step 6. Finally, we executed the jps command to display all daemon processes.



Part 2: We have completed step 7, and the screenshot of the output is provided below.

```
The location with the most crimes: BROOKLYN. number of crimes: 106202
The top 3 crimes reported in July:
PETIT LARCENY: 7086 crimes
HARRASSMENT 2: 5738 crimes
ASSAULT 3 & RELATED OFFENSES: 4804 crimes
Number of DANGEROUS WEAPONS crimes reported in July: 701
```

Part 3: Screenshot of Web UI



Part 4: Team contributions

| Amjad Alqahtani | Caleb Alva | Nicholas Winkelmann |
|---|---|--|
| Setup the cluster Review code Prepare Report Keep the timeline of the team | Debug the code Fixed an error Test and evaluate the code Participate in the report | Write the code Testing the cluster setup Participate in the report |