- **The exact commands used to build and run the stack:**

> docker compose up --build

- **A pasted summary from stdout (the JSON printed by the app)**

```
app-1  | === Summary ===
app-1  | {
app-1  |   "total_trips": 6,
app-1  |   "avg_fare_by_city": [
app-1  |     {
app-1  |       "city": "New York",
app-1  |       "avg_fare": 19.0
app-1  |     },
app-1  |     {
app-1  |       "city": "San Francisco",
app-1  |       "avg_fare": 20.25
app-1  |     },
app-1  |     {
app-1  |       "city": "Charlotte",
app-1  |       "avg_fare": 16.25
app-1  |     }
app-1  |   ],
app-1  |   "top_by_minutes": [
app-1  |     {
app-1  |       "city": "San Francisco",
app-1  |       "minutes": 28
app-1  |     },
app-1  |     {
app-1  |       "city": "New York",
app-1  |       "minutes": 26
app-1  |     },
app-1  |     {
app-1  |       "city": "Charlotte",
app-1  |       "minutes": 21
app-1  |     },
app-1  |     {
app-1  |       "city": "Charlotte",
app-1  |       "minutes": 12
app-1  |     },
```

```
app-1  |    {
app-1  |      "city": "San Francisco",
app-1  |      "minutes": 11
app-1  |    }
app-1  |  ]
app-1  | }
app-1 exited with code 0
```

- **The contents of out/summary.json:**


```
{
 "total_trips": 6,
 "avg_fare_by_city": [
   {
    "city": "New York",
    "avg_fare": 19.0
   },
   {
    "city": "San Francisco",
    "avg_fare": 20.25
   },
   {
    "city": "Charlotte",
    "avg_fare": 16.25
   }
 ],
 "top_by_minutes": [
   {
    "city": "San Francisco",
    "minutes": 28
   },
   {
    "city": "New York",
    "minutes": 26
   },
   {
    "city": "Charlotte",
    "minutes": 21
   },
   {
```

```
    "city": "Charlotte",
    "minutes": 12
   },
   {
    "city": "San Francisco",
    "minutes": 11
   }
  ]
}
```


- **A short reflection (3–5 sentences) describing what you learned and what you would improve.**

From this assignment, I learned about running a database in a container with seeded initial data. I also learned how to connect containers to build a stack using service DNS, ports, and env vars. Finally, I gained additional knowledge about querying and GitHub. To improve this project, I would use a larger dataset and perform more complex tasks beyond simple statistics.