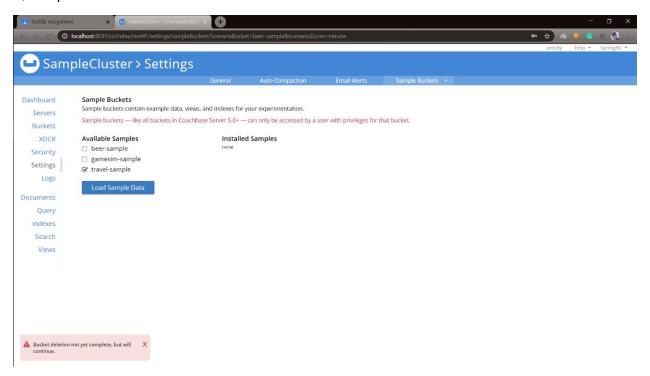
Spring AU '21 - NoSQL - Morning Session

Name: Sheik Abudhahir K

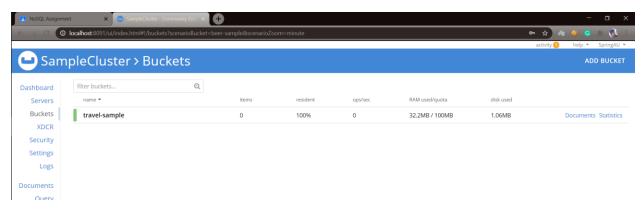
Date: 08/01/2021

Title: NO SQL Assignment

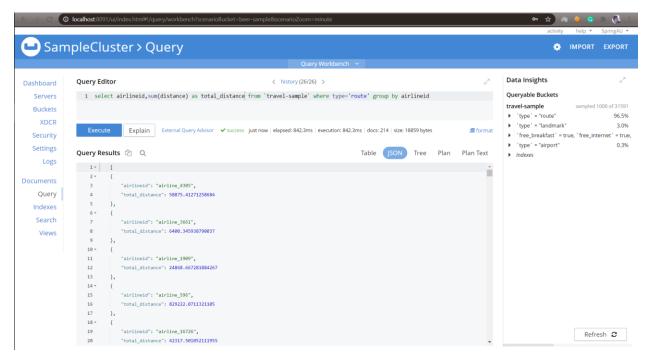
Q1: Import bucket



Bucket imported

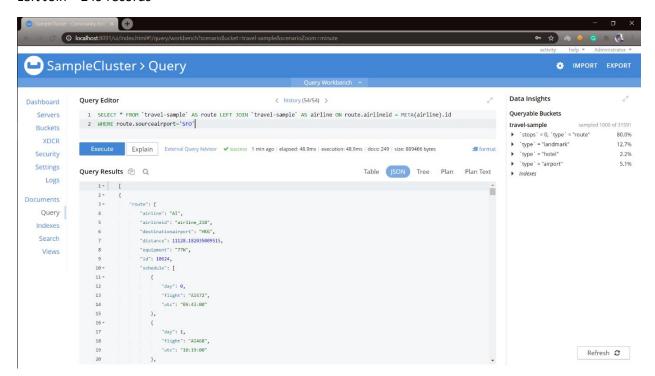


Q2: Write a query to get the sum of all distances where type="route" for each airline id.

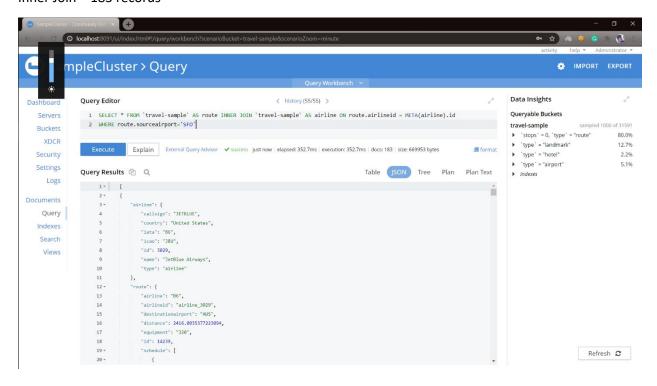


Q3: Write queries to join(LEFT,RIGHT,INNER) type="route"&"airline" and fetch the data whose sourceairport="SFO"

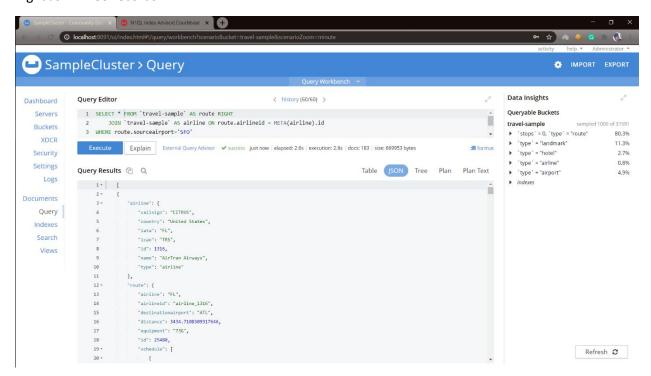
Left Join - 249 records



Inner Join - 183 records



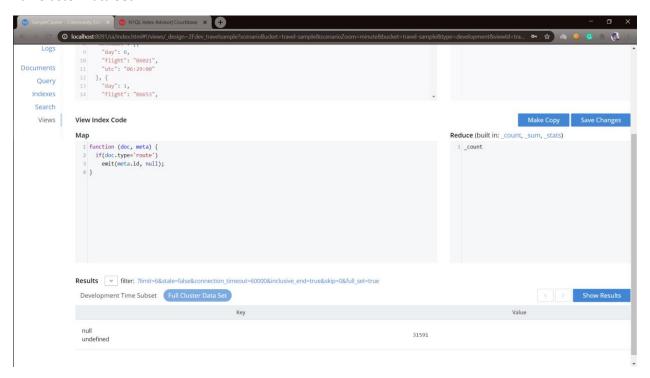
Right Join - 183 records



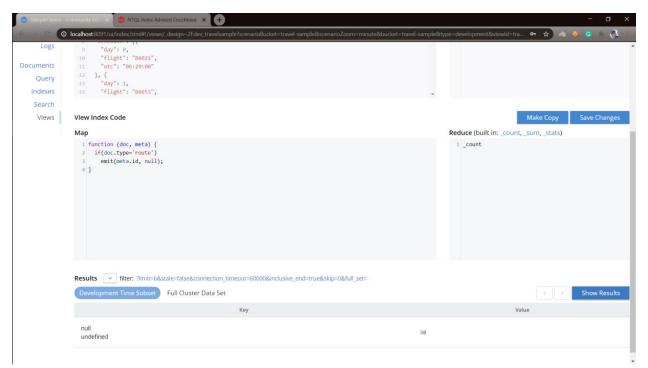
Q4: Write a mapreduce to get the number of all documents based on entities(type).

Type = route

Full Cluster Data Set

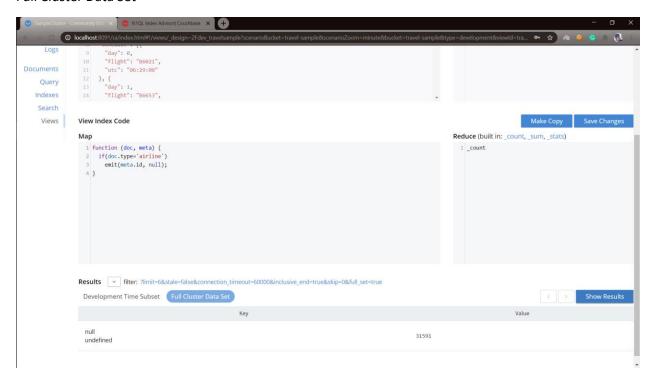


Development Time Subset

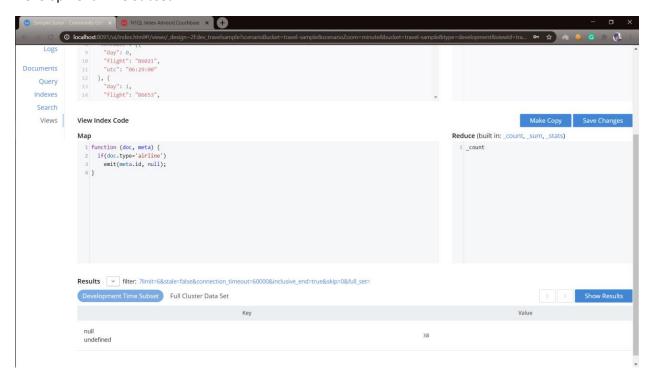


Type = airline

Full Cluster Data Set

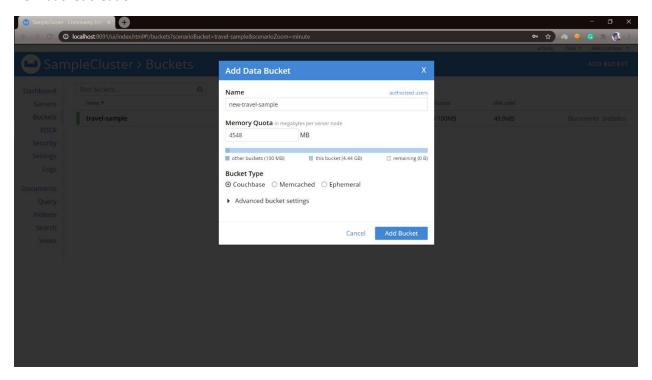


Development Time Subset

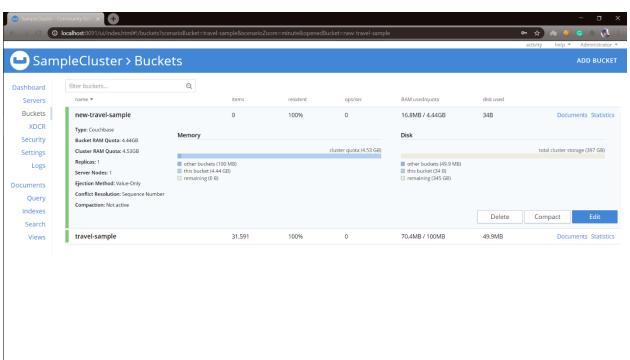


Q5: Export the travel-sample data from CLI

New bucket creation



Empty bucket



Command to export the old bucket and import into the newly created bucket

```
C:\Program Files\Couchbase\Server\bin>cbexport json -c couchbase://127.0.0.1 -u Administrator -p Sharp@007@ -b travel-sample -o c:/travelSample.json -f lines -t 4

3son export failed: open c:/travelSample.json -c couchbase://127.0.0.1 -u Administrator -p Sharp@007@ -b travel-sample -o f:/travelSample.json -f lines -t 4

3son exported to f:/travelSample.json successfully

3couments exported to f:/travelSample.json successfully

3couments exported to 31591 Documents skipped: 0

C:\Program Files\Couchbase\Server\bin>cbimport json -c couchbase://127.0.0.1 -u Administrator -p Sharp@007@ -b new-travel-sample -f lines -d file://f:/travelSample.json -t 4 -g %id%

500N file:/fi:/travelSample.json imported to http://127.0.0.1:8091 successfully

C:\Program Files\Couchbase\Server\bin>

C:\Program Files\Couchbase\Server\bin>
```

New bucket after import the travel-sample – 20.9 mb disk used – items imported

