Sai Apoorva Vedangi

vedangi.apoorva@accolite.digital.com

Assignment:NO SQL

Spring AU 21

Questions

- 1. Import `travel-sample` bucket
- 2. Write a query to get the sum of all distances where type="route" for each airline id.
- 3. Write queries to join(LEFT,RIGHT,INNER) type="route"& "airline" and fetch the data whose sourceairport="SFO"
- 4. Write a mapreduce to get the number of all documents based on entities(type).
- 5. Refer CLI interface & Damp; try to export the travel sample data. Below are the steps:
- a) Go to Couchbase Bin folder C:\Program Files\Couchbase\Server\bin
- b) Open Command Prompt from the bin folder
- c) Run the below command to export the data from travel-sample bucket:

cbexport json -c couchbase://127.0.0.1 -u <USER NAME> -p <password>

- -b travel-sample -o C:/travelSample.json -f lines -t 4
- D) Create a new Bucket "NewBucket" & D; import the data to it:

cbimport json -c couchbase://127.0.0.1 -u <User Name> -p <password> -b

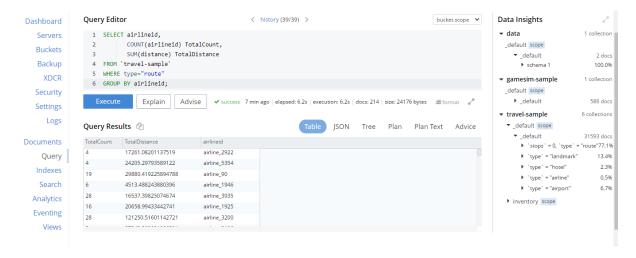
NewBucket -f lines -d file://C:/travelSample.json -t 4 -g %id%

E) Once the data is imported, please attach the screenshot.

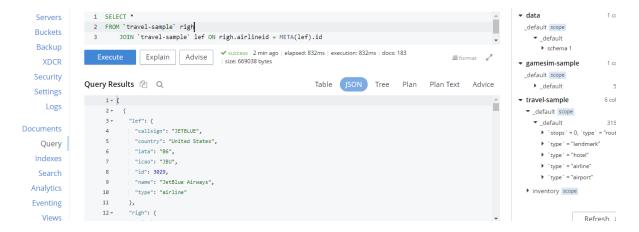
Note:

- -u --> UserId which you've created
- -p --> password
- -b --> bucket name

1) First Query(sum(distance))



2)second Query(inner join)



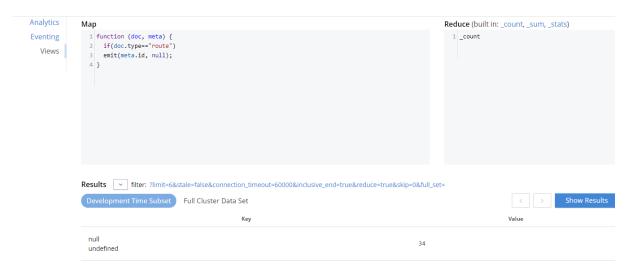
Query 2.1(right join)



Query 4(left join)



Query 4



Query 5.1

Exporting the json

```
C:\Program Files\Couchbase\Server\bin>cbexport json -c couchbase://127.0.0.1 -b travel-sample -o C:\Users\HP\Desktop\travelSample.json -f lines -t 4 -u Administrator --
scope-field_default -p
Password:
2021-01-12T19:34:12.357+05:30 WARN: (Couchbase) Unexpected error 'operation timed out after 5s' while trying to get sequence numbers, will retry in 5s -- couchbase.Get!
equenceNumbers() at sequence_numbers.go:39
2021-01-12T19:34:27.360+05:30 WARN: (Couchbase) Unexpected error 'operation timed out after 10s' while trying to get sequence numbers, will retry in 10s -- couchbase.Get!
tSequenceNumbers() at sequence_numbers.go:39
JSON exported to `C:\Users\HP\Desktop\travelSample.json` successfully
Documents exported: 63184 Documents skipped: 0
```

Query 5.2

Importing

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

2021-01-12T20:32:57.205+05:30 ERRO: Failed to import document 7581: Error in key expression at char O, field 'id' does not exist -- jsondata.(*JSONSource).handleError()

at source.go:379
2021-01-12T20:32:58.398+05:30 ERRO: Failed to import document 19916: Error in key expression at char O, field 'id' does not exist -- jsondata.(*JSONSource).handleError(

) at source.go:379 JSON import failed: 63182 documents were imported, 2 documents failed to be imported JSON import failed: Some errors occurred while transferring data, see logs for more details

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