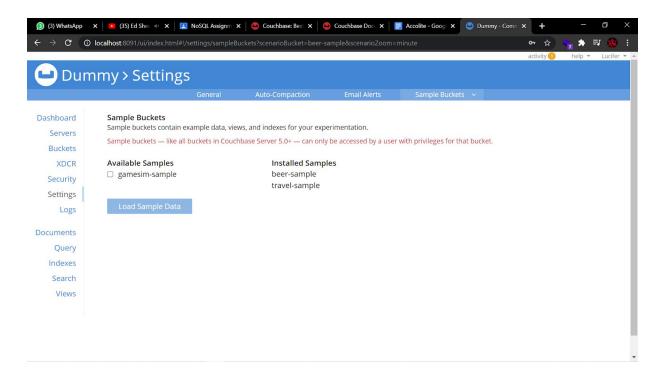
NoSQL

Prabhakar

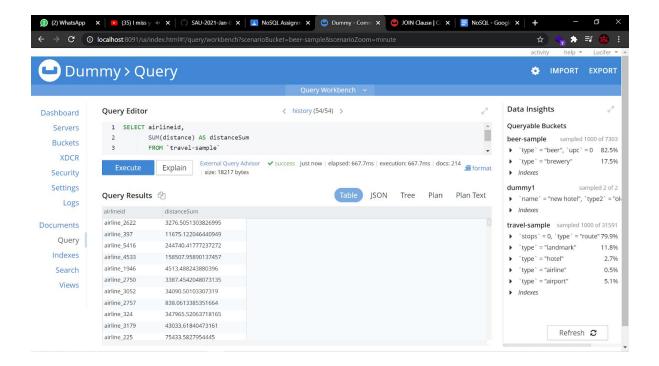
1. Import `travel-sample` bucket:

travel-sample bucket imported.



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

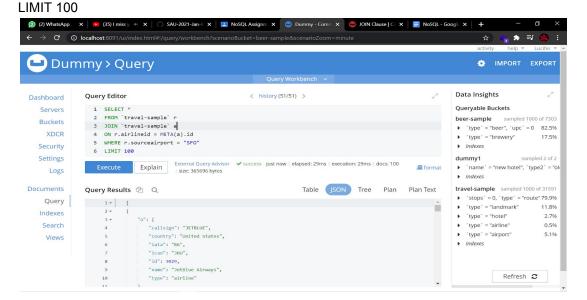
SELECT airlineid,
SUM(distance) AS distanceSum
FROM `travel-sample`
WHERE type="route"
GROUP BY airlineid;



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

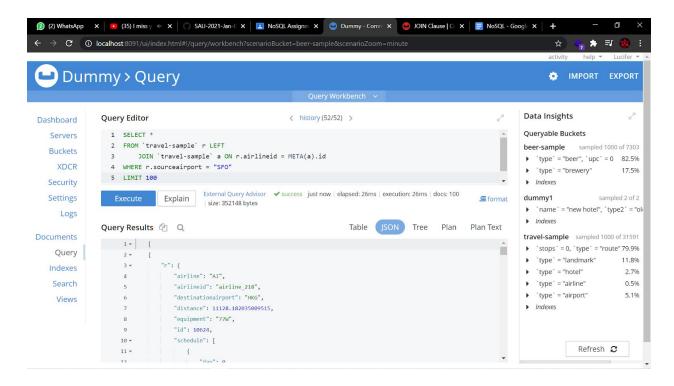
INNER JOIN:

SELECT *
FROM `travel-sample` r
JOIN `travel-sample` a ON r.airlineid = META(a).id
WHERE r.sourceairport = "SFO"



LEFT JOIN:

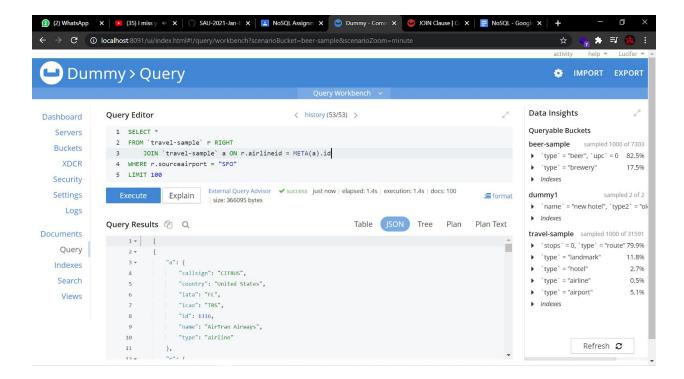
SELECT *
FROM `travel-sample` r
LEFT JOIN `travel-sample` a
ON r.airlineid = META(a).id
WHERE r.sourceairport = "SFO"
LIMIT 100



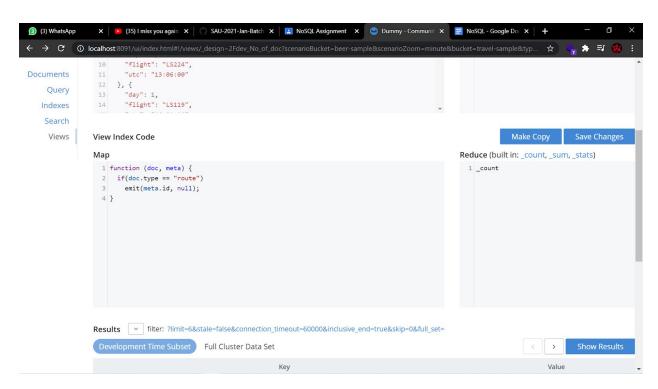
RIGHT JOIN:

SELECT *

FROM `travel-sample` r RIGHT JOIN `travel-sample` a ON r.airlineid = META(a).id WHERE r.sourceairport = "SFO" LIMIT 100



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



5. Refer CLI interface & amp; try to export the travel sample data.

- Go to Couchbase Bin folder C:\Program Files\Couchbase\Server\bin
- Open Command Prompt from the bin folder
- 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

```
Administrator: Command Prompt

C:\Program Files\Couchbase\Server\bin>cbexport json -c couchbase://127.0.0.1 -u Lucifer -p 33153315 -b travel-sample -o C:/travelSample.json -f lines -t 4

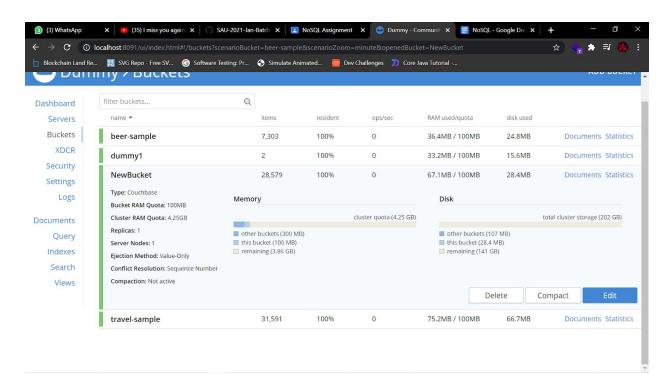
Json exported to `C:/travelSample.json` successfully
Documents exported: 31591 Documents skipped: 0

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

Create a new Bucket "NewBucket" & Description (NewBucket) - Create a new Bucket "NewBucket" & Description (NewBucket)

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%

Imported Bucket:



Imported data:

