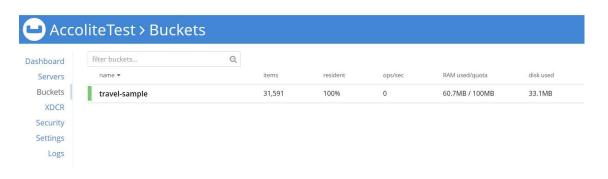
# NoSQL Assignment

1. Import "Travel\_sample" bucket;



2. Sum aggregate by airline\_id

```
1 SELECT SUM(distance) AS TotalDistance ,
             airlineid
  3 FROM `travel-sample`
  4 WHERE type="route"
  5 GROUP BY airlineid
  6 ORDER BY airlineid;
                 Explain
                            Advise
                                       ✓ success just now | elapsed: 620.1ms | execution: 620.1ms | docs: 214 | size: 18645 bytes
                                                                                                                       ≡ format
                                                                                                         Plan Text
Query Results 😩 🔍
                                                                        Table
                                                                                         Tree
                                                                                                 Plan
                                                                                                                       Advice
    1 - [
    2 *
    3
               "TotalDistance": 236.40367170215262,
               "airlineid": "airline_10"
    4
    5
           },
    6 +
           "TotalDistance": 20840.152833021108,
    7
    8
              "airlineid": "airline_1006"
    9
          },
   10 -
          {
   11
              "TotalDistance": 21595.09972778486,
         "TotalDistance . ...
"airlineid": "airline_1034"
   12
   13 }
```

## 3. JOINS

#### INNER:

## LEFT:

```
1 SELECT * FROM 'travel-sample' route
2 LEFT JOIN `travel-sample` airline
 3 ON route.airlineid = META(airline).id
 4 WHERE route.type = "route" and airline.type = "airline"
5 AND route.sourceairport = "SFO"
 Execute Explain Advise Success just now elapsed: 56ms | execution: 56ms | docs: 183 | size: 669953 bytes
                                                                                                                       ≡ format
                                                                        Table JSON Tree Plan Plan Text Advice
Query Results 😩 🔍
1 - [
                "airline": {
                   "callsign": "UNITED",
"country": "United States",
"iata": "UA",
                   "icao": "UAL",
                   "id": 5209,
                    "name": "United Airlines",
    10
                    "type": "airline"
    11
                "route": {
    12 +
    13
                   "airline": "UA",
            "airlineid"; "airline 5209".
```

#### RIGHT:

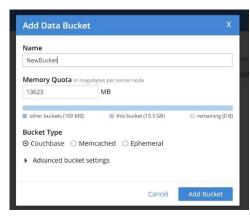
```
1 SELECT * FROM `travel-sample` route
2 RIGHT JOIN 'travel-sample' airline
  3 ON route.airlineid = META(airline).id
4 WHERE route.type = "route" and airline.type = "airline"
5 AND route.sourceairport = "SFO"
   Execute Explain Advise ✓ success 32 min ago | elapsed: 2s | execution: 2s | docs: 183 | size: 669953 bytes
Query Results 🙆 🔍
                                                                             Table ISON Tree Plan Plan Text Advice
     1 * [
                  "airline": {
                      "callsign": "CITRUS",
                      "country": "United States",
                     "iata": "FL",
                     "icao": "TRS",
                     "id": 1316,
                      "name": "AirTran Airways",
                     "type": "airline"
     11
                  "route": {
     12 +
```

## 4. CLI INTERFACE:

## STEPS:

- 1. Open CMD in Admin mode and navigate to couchbase/bin
- 2. Use command "cbexport json -c couchbase://127.0.0.1 -u Admin -p Password -b travel-sample -o C:/travelSample.json -f lines -t 4" to export the bucket
- 3. Created a new bucket in UI named "NewBucket"
- 4. Used command "cbimport json -c couchbase://127.0.0.1 -u Admin -p Password -b NewBucket -f lines -d file://C:/travelSample.json -t 4 -g %id%" to import data t new bucket

## Screenshots:



Documents Statistics

Documents Statistics

