NoSQL Assignment

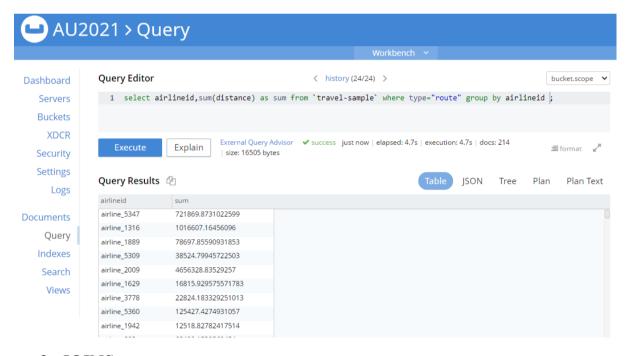
Nandhini R

1. Import "Travel_sample" bucket



2. <u>Distance by airline_id</u>

select airlineid, sum(distance) as sum from `travel-sample` where type="route" group by airlineid;



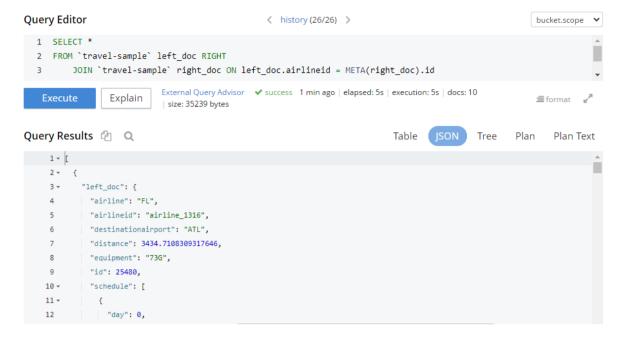
3. JOINS

SELECT * FROM `travel-sample` left_doc INNER

 $\label{localization} JOIN `travel-sample` right_doc ON left_doc.airlineid = META(right_doc).id \\ WHERE left_doc.sourceairport = "SFO"$

LIMIT 10;

RIGHT:



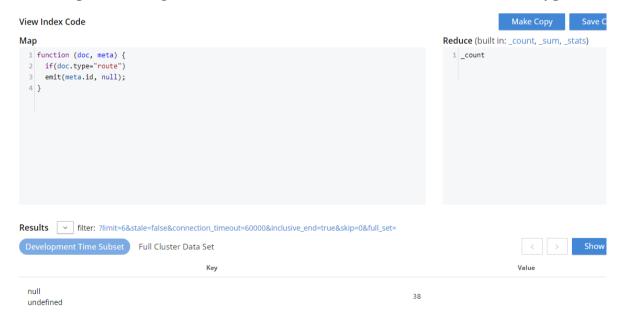
LEFT:



INNER:



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



5. Export and import

cbexport json -c couch base://127.0.0.1 -u nandhini -p nandy.2008 \ -b default -o data/travel Sample.json -f lines -t 4 :\Program Files\Couchbase\Server\bin>cbexport json -c couchbase://127.0.0.1 -u nandhini -p nandy.2008 -b sample -o C:/travelSample.json -f lines -t 4

JSON exported to `C:/travelSample.json` successfully

bccuments exported: 0 Documents skipped: 0

:\Program Files\Couchbase\Server\bin>cbimport json -c couchbase://127.0.0.1 -u nandhini -p nandy.2008 -b NewBucket -f lines -d file://C:/travelSample.json -t 4 -g %id%

JSON `file://C:/travelSample.json` imported to `couchbase://127.0.0.1` successfully

Documents imported: 0 Documents failed: 0

