Business Analytics

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2 MA Applied Economics

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1. Find out the minimum latitude of the location

```
1  -- latitude of the location
2  SELECT min(latitude) as latitude
3  FROM `bigquery-public-data.austin_bikeshare.bikeshare_stations` LIMIT 1000
4
```

Result –

Row	latitude
1	30.24258

2. Find out the Maximum latitude of the location

```
1  -- Max latitude of the location
2  SELECT max(latitude) as latitude
3  FROM `bigquery-public-data.austin_bikeshare.bikeshare_stations` LIMIT 1000
```

Results –

Row	latitude
1	30.29439

3. Substituting the Average Latitude from the given data

```
1  -- Average latitude of the location
2  SELECT avg(latitude) as lat
3  FROM `bigquery-public-data.austin_bikeshare.bikeshare_stations` LIMIT 1000
4
```

Results –

Row	lat
1	30.268465416666665

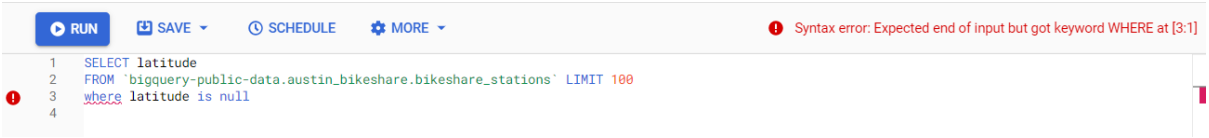
4. Finding out the average Unique keys of Crime

```
SELECT count(clearance_status)
FROM `bigquery-public-data.austin_crime.crime` LIMIT 1000
```

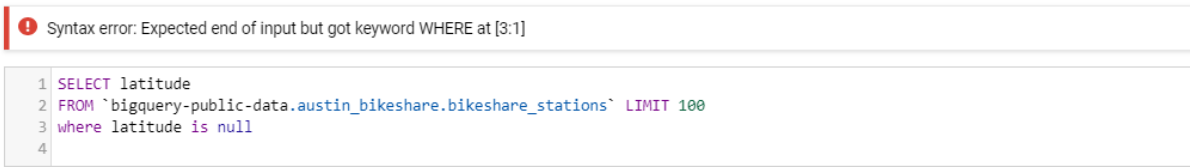
Results –

Row	f0_
1	111561

5. Estimation of the Null hypothesis values



Result – Syntax error



6. Number of rows in “latitude” and is not null

```
1  -- SELECTION OF ROWS FROM 'LATITUDE' AND IS NOT NULL
2  SELECT count(latitude)
3  FROM `bigquery-public-data.austin_bikeshare.bikeshare_stations` LIMIT 100
4
```

Results –

Row	f0_
1	96

7. Sum total of the load weight

```
1  -- SELECTION OF ROWS FROM 'LATITUDE' AND IS NOT NULL
2  SELECT count(latitude)
3  FROM `bigquery-public-data.austin_bikeshare.bikeshare_stations` LIMIT 100
4
```

Results –

Row	f0_
1	96

8. Load sum weight

```
1  -- sum of the total load weight
2  SELECT sum(load_weight)
3  FROM `bigquery-public-data.austin_waste.waste_and_diversion` LIMIT 1000
```

Results

Row	f0_
1	7.616688276E9

9. 10 names of areas in Austin

```
1  -- 10 names of areas
2  SELECT distinct name
3  FROM `bigquery-public-data.austin_bikeshare.bikeshare_stations` LIMIT 10
```

Query results SAVE RESULTS EXPLORE DATA

Query complete (0.3 sec elapsed, 2.3 KB processed)

Job information | Results | JSON | Execution details

Row	name
1	Rio Grande & 28th
2	11th & San Jacinto
3	Hollow Creek & Barton Hills
4	21st & University
5	Nueces & 26th
6	East 6th & Pedernales St.
7	Brazos & 6th
8	Capital Metro HQ - East 5th at Broadway
9	Barton Springs @ Kinney Ave
10	Henderson & 9th

10. Finding the maximum price approximate of the local currency

```
1  -- price approx of local currency
2  SELECT max(price_aprox_local_currency)
3  FROM `properati-data-public.properties_br.properties_rent_201504` LIMIT 1000
```

Results

Query complete (0.2 sec elapsed, 126.8 KB processed)

Job information | Results | JSON | Execution details

Row	f0_
1	283358.66