

**Starbuku**

# Coffee

DATA ANALYSIS BY USING SQL

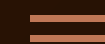
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# Questions

- What is the total number of Starbucks stores worldwide?
- In how many distinct cities are Starbucks stores located?
- What is the count of Starbucks stores by each ownership type?
- How many Starbucks stores are located in the city of Dubai?
- What is the average latitude and longitude of all Starbucks stores?
- Which Starbucks store is closest to the given latitude and longitude coordinates of Dubai?
- How many Starbucks stores are there in each timezone?

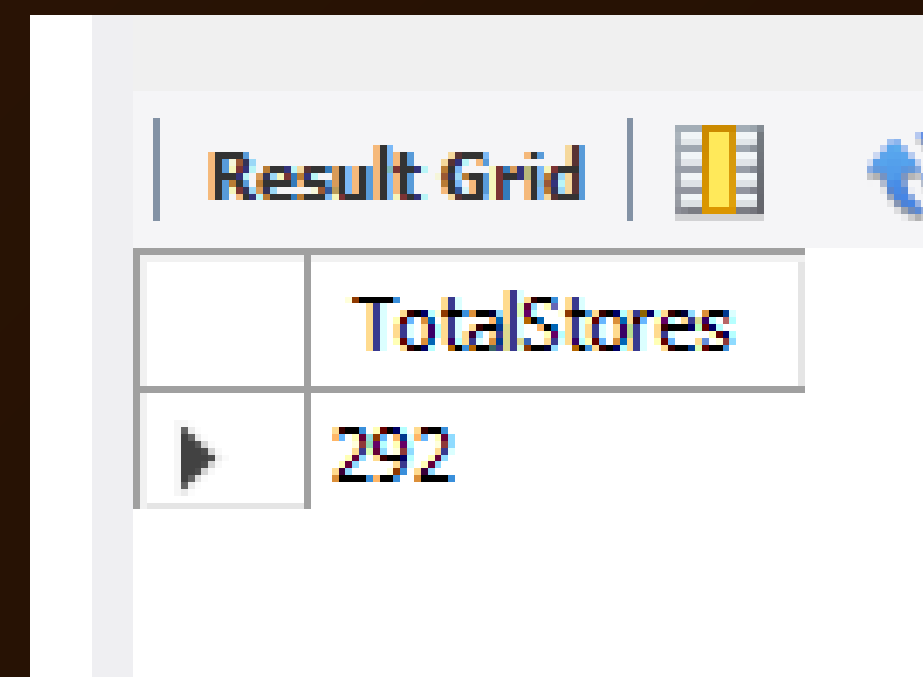


- **Total number of stores**

- Query

```
SELECT COUNT(*) AS Total_Stores  
FROM Starbucks_Stores;
```

- Output



The screenshot shows a 'Result Grid' window with a table containing one row of data. The table has two columns: 'TotalStores' and a value '292'. There is a small icon of a document with a list in the top right corner of the grid.

	TotalStores
▶	292

- **Insights : Starbucks has a total of 292 stores worldwide**

- **Distinct cities where stores are located**

- Query

```
SELECT COUNT(DISTINCT City) AS Distinct_Cities  
FROM Starbucks_Stores;
```

- **Insight: distinct cities where starbucks stores are present globally**

- Output

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	City			
▶	Abu Dhabi			
	Ajman			
	Al Ain			
	Al Barsha			
	Andorra la Vella			
	Avellaneda			
	Boulogne			
	Brisbane			
	Broadbeach			
	Buenos Aires			
	Caba			
	Chermside			
	Cordoba			
	Dubai			
	Ezeiza			
	Fujairah			
	Gold Coast			
	Manly			
	Martinez			
	Melbourne			
	Mendoza			
	Moron			

# Count the number of stores by ownership type

## Query

```
SELECT Ownership_Type, COUNT(*) AS Store_Count
FROM Starbucks_Stores
GROUP BY Ownership_Type
ORDER BY Store_Count DESC;
```

## Output

Result Grid			Filter Rows:
	Ownership Type	NumberOfStores	
▶	Licensed	274	274
	Joint Venture	1	
	Company Owned	17	

- Insights : The majority of Starbucks stores are Ownership\_Type with Licensed 274 stores, followed by Joint Venture 1 ,Company Owned 17 .

# Stores in a Dubai city

- Query

```
SELECT COUNT(*) AS Dubai_Store_Count
FROM Starbucks_Stores
WHERE City = 'Dubai';
```

- Insights: Starbucks stores in Dubai city.

- Output

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

	Store Name	Street Address	Postcode
▶	Umm Sequeim	Jumeirah, Near Spinney's	
	Reel Cinema	Reel Cinema, Dubai Mall, Second Floor	113444
	Dubai Airport Concourse 3	Dubai Airport Rd, Terminal 3	
	City Walk - Dubai	Safa Street, Jumeirah 1, Jumeirah District	
	DIFC 2	DIFC Building No. 5	
	The Residence Tower 1	Down Town Burj	
	Emirates Tower	Sheikh Zayed Road	
	Dubai Marina	Sheik Zayed	
	Dubai Airport - Concourse D West	Dubai Airp Dubai Airport	
	Mall of the Emirates - Ski #2	Near MOE Ski Area, Shop No K01A, West End F...	
	Bin Sougat	Al Khawaneej Road, Al Rashidiya	10170
	Old Town Amenity Building	Burj Dubai	
	Atlantis	Dubai Palm Island, Located in Dolphin Bay	
	Jumeirah Beach Road	Jumeirah Beach Road, Villa 23	
	Oasis Centre	Shaikh Zayed Road, Ground Floor	
	Jumeirah Beach Residence 3 P24a	Jumeirah Beach Residence, Opposite right side ...	

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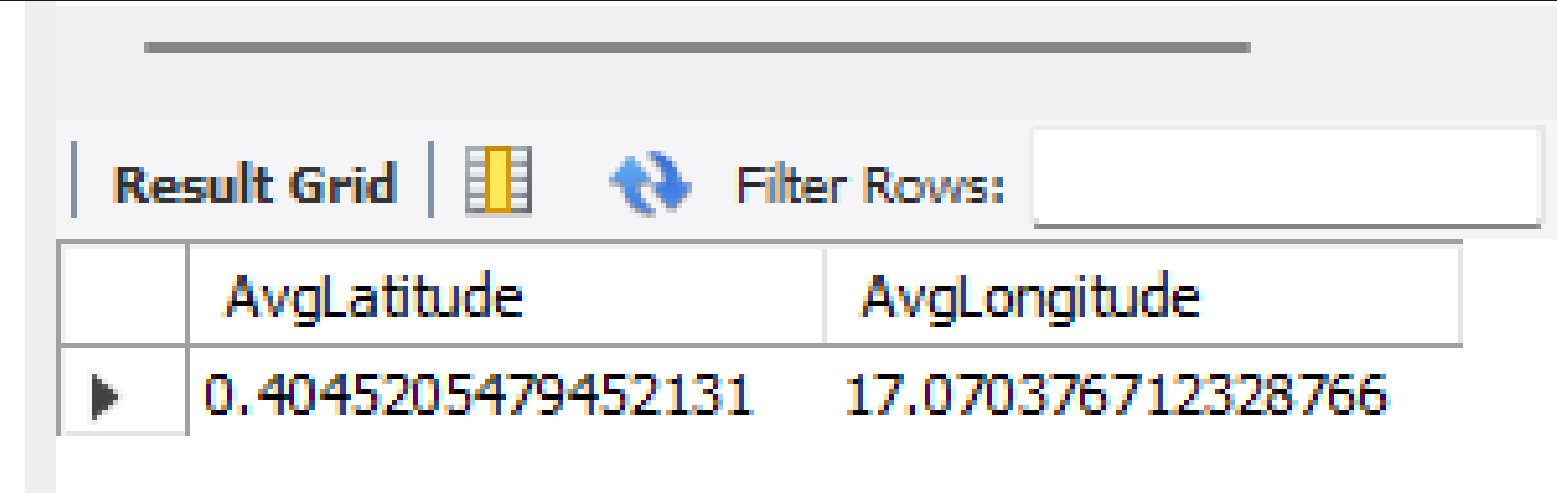


# Average latitude and longitude of all stores

- Query

```
SELECT AVG(Latitude) AS Average_Latitude, AVG(Longitude) AS Average_Longitude  
FROM Starbucks_Stores;
```

- Output



The screenshot shows a database interface with a 'Result Grid' tab selected. The grid contains one row of data with two columns: 'AvgLatitude' and 'AvgLongitude'. The values are 0.4045205479452131 and 17.070376712328766 respectively. There are also icons for a table structure and a filter function.

	AvgLatitude	AvgLongitude
▶	0.4045205479452131	17.070376712328766

- Insights : The average latitude and longitude of Starbucks stores are 0.40452054 and 17.0703767, respectively.

# Store closest to a given latitude and longitude (Dubai)

- Query

```
SELECT Store_Name, Latitude, Longitude,  
       SQRT(POWER(Latitude - 25.276987, 2) + POWER(Longitude - 55.296249, 2)) AS Distance  
FROM Starbucks_Stores  
ORDER BY Distance ASC  
LIMIT 1;
```

- Output

Result Grid			
Filter Rows:			
	Store Name	Latitude	Longitude
▶	Broadbeach	-28.03	153.43

- Insights: The Starbucks store closest to Dubai's coordinates (-28.03, 153.43) is Broadbeach (store\_name)



# Count stores by timezone

- Query

```
SELECT Timezone, COUNT(*) AS Store_Count  
FROM Starbucks_Stores  
GROUP BY Timezone  
ORDER BY Store_Count DESC;
```

- Output

Result Grid			Filter Rows:
	Timezone	NumberOfStores	
▶	Timezone	292	

- Insights : Starbucks stores are distributed across 292 timezones, with the highest number of stores in Store\_count.

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# Thank You