

Explore weather Trends



Data Analysis:

City	SQL Commands
Select the City in Saudi Arabia	SELECT * FROM city_data WHERE country = 'Saudi Arabia';
Select the City Data (Riyadh)	SELECT * FROM city_data WHERE country = 'Saudi Arabia' AND city = 'Riyadh';
Global Data	SELECT * FROM global_data;

Next Step:

- After using the "SQL" queries, I was downloading the global data and Riyadh city data to the file "CSV".
- Microsoft Excel was used for analysis.

Input	HISTORY	MENU
SCHEMA	1 SELECT *	
accounts	2 FROM city_data	
city_data	3 WHERE country = 'Saudi Arabia' AND city = 'Riyadh';	
city_list		
city		
country	Success!	EVALUATE
Output	171 results	
year	city	country
1843	Riyadh	Saudi Arabia
1844	Riyadh	Saudi Arabia
1845	Riyadh	Saudi Arabia
1846	Riyadh	Saudi Arabia

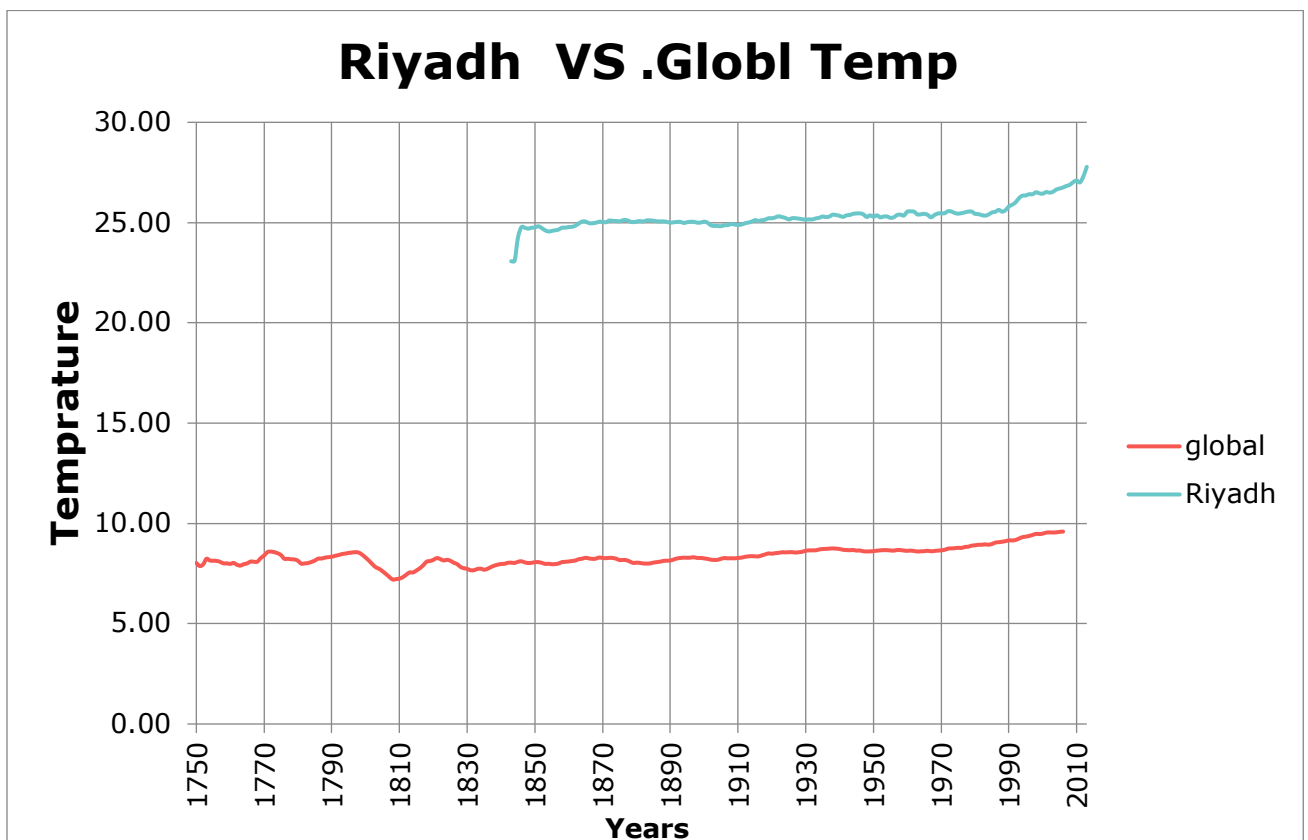
Input	HISTORY	MENU
SCHEMA	1 SELECT *	
city_data	2 FROM global_data;	
city_list	3	
global_data		
	Success!	EVALUATE
Output	266 results	Download CSV
year	avg_temp	
1750	8.72	
1751	7.98	
1752	5.78	
1753	8.39	

Moving Average:

Average	Command
Moving Average	=Average(B2:B11)

- *I noticed an increase or decrease in data.*
- *I noticed missing data in the city of Riyadh.*

Line Chart for Bangalore and Global Temperature:



Observation:

- *Global average temperature it is between 7.15 to 8.67 Degree Celsius but Riyadh city average temperature it is between 23.7 to 27.78 Degree Celsius.*
- *Observed an increase or decrease slow in global and local temperature.*
- *Increase in temperature in the local city compared to the global temperature.*
- *Between years 1844 and 1448, a temperature decline occurred in the local city.*
- *In the local city descent in temperatures between years 1448 to 1988 simple increases and decreases in temperature.*
- *Finally observed in the local city high temperatures in recent years.*

