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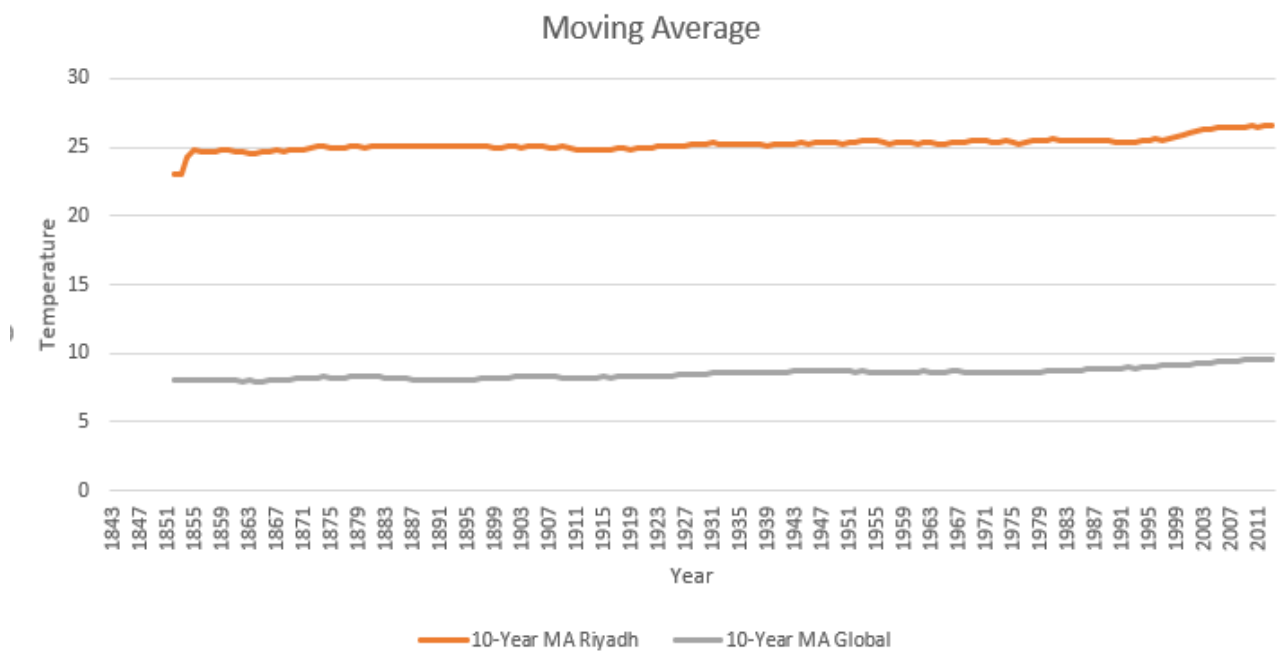
Program : DAND

Project : Exploring Weather Trends

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Is your city hotter or cooler on average compared to the global average? Has the difference been consistent over time?

Riyadh is hotter than as we can see in the bellow chart, and the difference is not consistent, between 1850 – 1859 there was a small gap as we can notice in the bellow chart.



“How do the changes in your city’s temperatures over time compare to the changes in the global average?”

The changes indicate that temperatures year by year becoming hotter than in previous years.

What does the overall trend look like? Is the world getting hotter or cooler? Has the trend been consistent over the last few hundred years?

The world seems to be getting hotter and we can see that in the previous chart

STEPS :

- What tools did you use for each step? **Excel**
- How did you calculate the moving average? **for chart I use the same way in previous lesson, you can see the**

	B	C	D	E	F	G	H	I	J	K
1	avg_temp	Global_co			year	city	country	avg_temp	RIYADH_C	
2	3	8.17			1843	Riyadh	Saudi Arabia	24.74		
3	4	7.65			1844	Riyadh	Saudi Arabia	15.45		
4	5	7.85	7.89		1845	Riyadh	Saudi Arabia			
5	6	8.55	8.01666667		1846	Riyadh	Saudi Arabia		18.135	

SQL Statement :

select * from global_data

Input		HISTORY	MENU
SCHEMA		1	select * from global_data
city_data			
city_list			
global_data			
Success!		EVALUATE	
Output		266 results	
year	avg_temp		
1750	8.72		
1751	7.98		
1752	5.78		
1753	8.39		
1754	8.47		
1755	8.36		
1756	8.85		
1757	9.02		

select * from city_list

Input		HISTORY ▾	MENU ▾
SCHEMA	↻	1 select * from city_list ;	
city_data	▾	Success!	
city_list	▾		
global_data	▾		
		EVALUATE	
Output		342 results	Download CSV
city		country	
Abidjan		Côte D'Ivoire	
Abu Dhabi		United Arab Emirates	
Abuja		Nigeria	
Accra		Ghana	
Adana		Turkey	
Adelaide		Australia	
Agra		India	
Ahmadabad		India	

select * from city_data where city='Riyadh' ;

Input		HISTORY ▾	MENU ▾
SCHEMA	↻	1 select * from city_data where city='Riyadh' ;	
city_data	▾	Success!	
city_list	▾		
global_data	▾		
		EVALUATE	
Output		171 results	Download CSV
year	city	country	avg_temp
1843	Riyadh	Saudi Arabia	24.74
1844	Riyadh	Saudi Arabia	15.45
1845	Riyadh	Saudi Arabia	20.82
1846	Riyadh	Saudi Arabia	
1847	Riyadh	Saudi Arabia	
1848	Riyadh	Saudi Arabia	24.56
1849	Riyadh	Saudi Arabia	24.80
1850	Riyadh	Saudi Arabia	24.34