Explore Weather Trends

Project 1

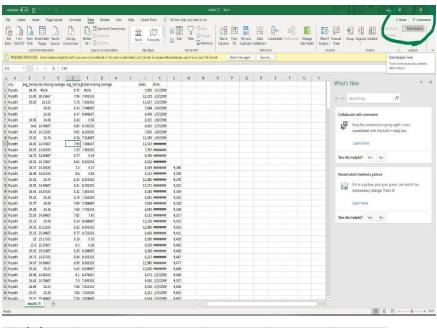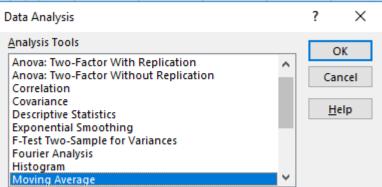Sara Alsaif

Contents
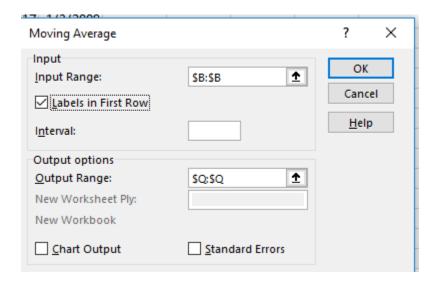
Extracting the data using SQL queries:

- select * from city_list where country='Saudi Arabia'
  *to lookup for the nearest city
- select avg_temp from city_data where city='Riyadh'
  *to extract local data to download it
- select avg_temp from global_data
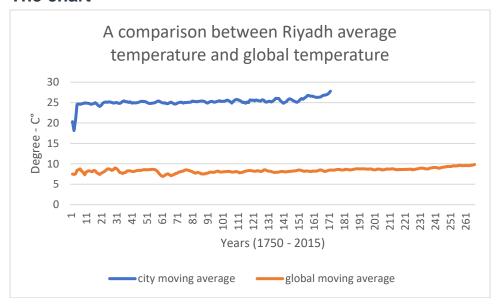 *to extract global data to download it

Calculating moving average

I have calculating the moving average using excel add on data analysis

Moving Average

Input

Input Range: $B:$B

☑ Labels in First Row

Interval:

Output options

Output Range: $Q:$Q

New Worksheet Ply:

New Workbook

☐ Chart Output   ☐ Standard Errors

OK

Cancel

Help

The chart

A comparison between Riyadh average temperature and global temperature

Observation

- Riyadh city was consistently hotter than the global average by more than 7 degrees
- Both temperatures are raising overtime.
- The world is getting hotter.
- Although global temperature was consistent for couple of years but the last 10 years had a noticeable raise in the global temperature.