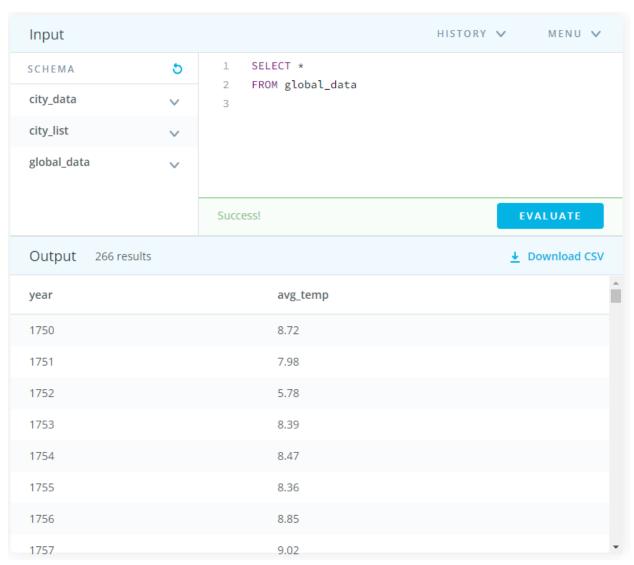
## **Exploring Weather Trends Project**

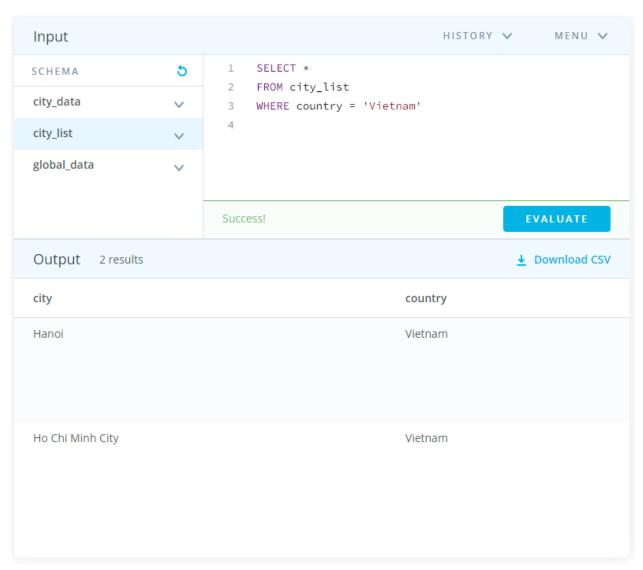
### 1. Outline

# 1.1. First step: Accessing Data with SQL



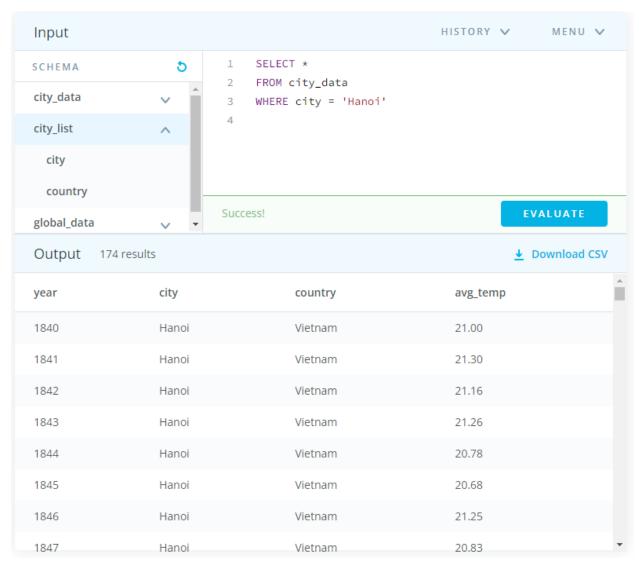
To get global data, download CSV

then



To get big city in my country where I live.

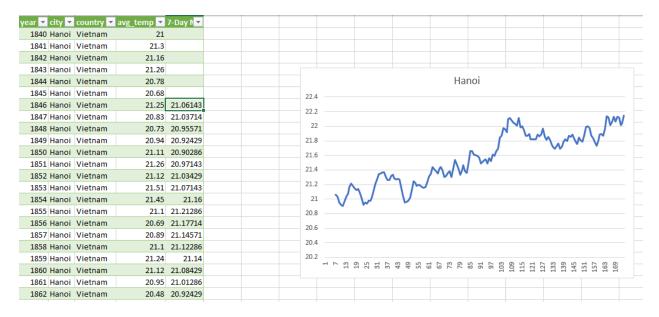
After that



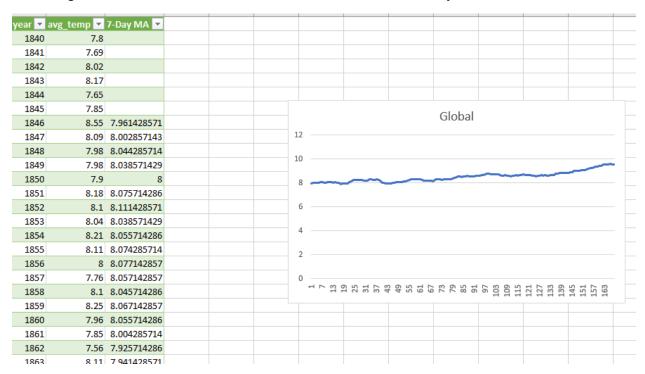
To get data average temperature of my city, download CSV

1.2. Second step: Import data from csv file to sheet in Excel.

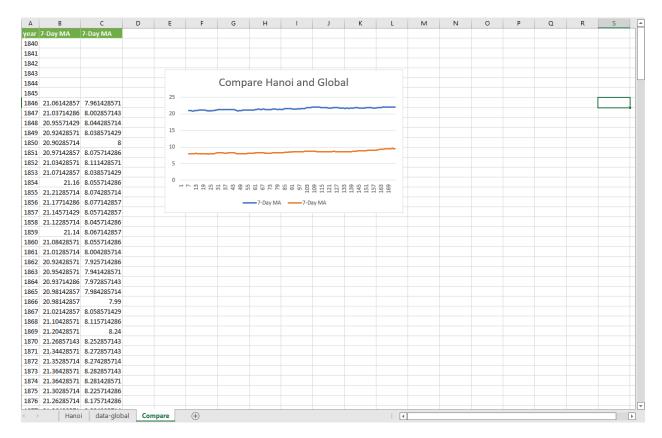
Create a 7-day MA column



With the global delete data out side of 1840-2013 because data in Hanoi just from 1840-2013.

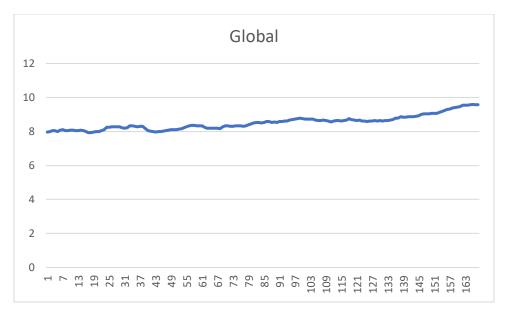


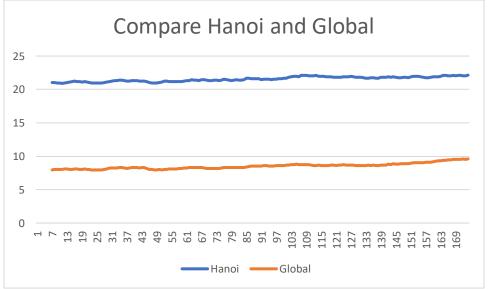
1.3. Third step: Create compare sheet, copy 2 MA col and create line chart compare



#### 2. The result







#### 3. Observations:

- Hanoi's average temperature was much higher than the global between 1840 and 2013.
- Hanoi's average temperature is usually 2 times higher than the world's average temperature
- The trend line shows that the average temperature of both Hanoi and the global is increasing.
- The average temperature fluctuation range of Hanoi is from 21 to 21 degrees Celsius.
- The average temperature range of the world is between 8 and 10 degrees Celsius