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Data_Analysis nano course
1st project: Exploring weather trends

Oct. 14, 2018

Exploring Weather Trends - Minneapolis vs. Global

1. **Download the data**
   a.
```
SELECT *
FROM global_data
```
   b.
```
SELECT *
FROM city_data
WHERE city = 'Minneapolis'
```

2. **Speed sheet steps**
   a. Merge the 2 tables in Google sheet based on the year using “vlookup”
   b. Calculate the moving average for 10 years for both Minneapolis and global
      i. =AVERAGE(B2:B11)
3. **Draw the chart**
   a. Using:
      i. “Minneapolis_moving_average” column
      ii. “Global_moving_average” column

4. **Observations**
   a. Both global and Minneapolis temperatures increased in similar rate over years
   b. Minneapolis is cooler than global by 3.5 degree on average
   c. The difference is almost consistent
   d. In 1820s there was a significant drop on the temperature in both Minneapolis and global
   e. The global weather is smoother than Minneapolis weather.

5. **The Chart**