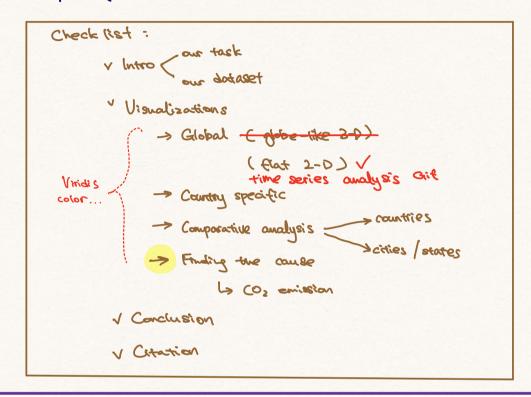
# Title: Changes in global temperature

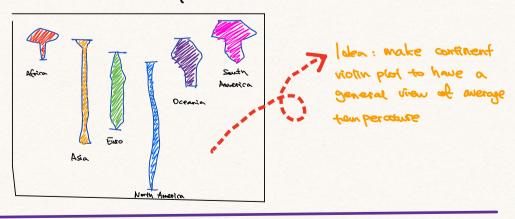
members: Tian Chen. Lucas Lu. Jialin Wu



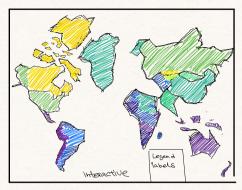
#### INTRODUCTION:

our task is to analyze global temps change . . .

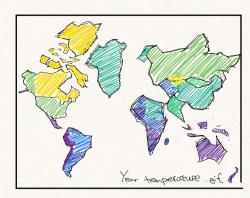
our dotaset contains time period 1743 ~ 2013 ...



### # Global Map:



Global map 1: - Inveractive plat ...



Chobos map 2:

vrime series analysis

series analysis

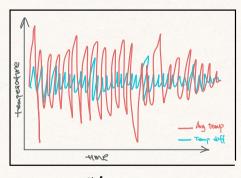
time: serily change

### # Country Specific:

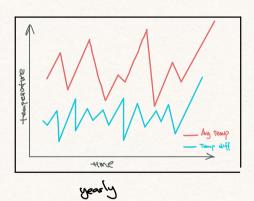
√ Line plots √ Subset data ~

et data VSA
Russia
Sugapore

monthly temperature & yearly



monthly



# # Compare Countries:

how to compare ....

China & the United States

For both two countries: visualize the following.

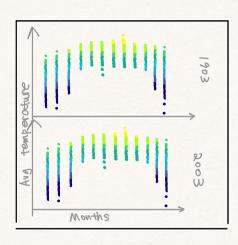
For boxplot: Using 40 yrs temperature

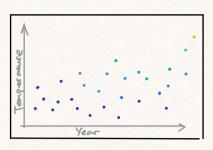
Li select a base year per 5 years.

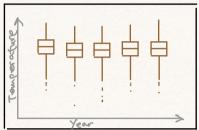
v dot plot ?

A the death ;

n pax blat ;

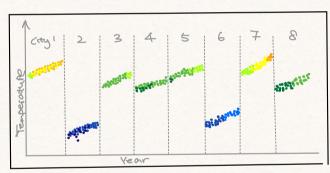






## # Compare cities / states

- · Compare cities / states within each country
- . Solect cities / states from diff location in the perspective country.

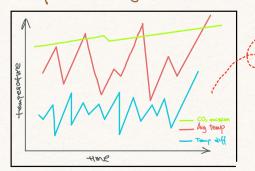


For both two countries: visualize the & representative cities / states

### # Finding the cause (CO2 emission?)

- using selected 3 countries:

# Russia # China # Singapore
check out to see whether
cos emission plays a vital role
in temporoduse change ...



Not really significant to conclude

#### CONCLUSIONS:

- v temperature 1 over time
- ~ Why 1

La possible answer: CDz emission?

whether significant?

v Important findings, etc.

#### CITATION:

- 2 kaggle datasets
- . Map of temperatures and analysis of global warming
- . Trends of global CO2 emission