

A. Steps and tools

1. Extract data: SQL

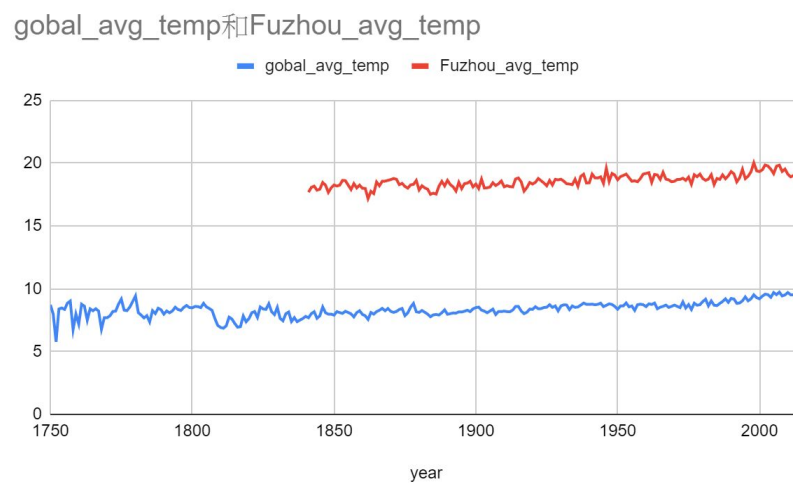
- `select * from city_data where city='Fuzhou' order by year asc;`
- `select * from global_data order by year asc;`

2. Draw chart: google sheet

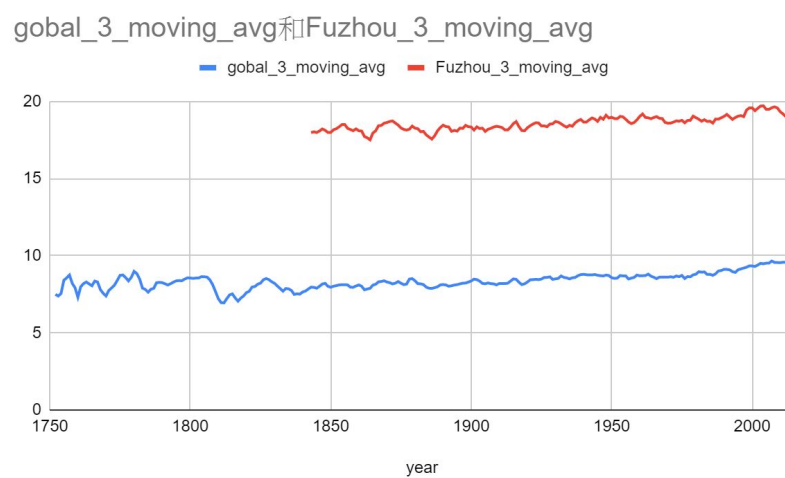
3. Observe

B. Charts:

1. original



2. moving_average(3-year)



C. Observations

1. The average temperature of Fuzhou compared to global is hotter overall.
2. The temperatures of Fuzhou and the global have the tendency to increase over time, especially after the millennium. It is likely that global warming is really happening.
3. From the diagram, increase in global temperature started after 1850's.
4. Interestingly, Fuzhou's last value has a small decrease.