

Essay of Narrative Visualization Project - Economic History of China (1969~2022)

In this index.html, I've coded a html-CSS-Javascript combined document for Narrative Visualization of GDP data of China from 1969 to 2022. I've used Chart.js library for line charts' generation and used chartjs-plugin-annotation.js for adding annotations in chart. Which could be found in line 6 and 7 of this file

```
<script src="https://cdn.jsdelivr.net/npm/chart.js@3.5.1"></script>  
<script src="https://cdn.jsdelivr.net/npm/chartjs-plugin-annotation@1.0.2"></script>
```

Here's the description of the requirements of this project and how this index.html file achieved it.

I've used martini-glass structure (Have interactive slideshow and drill-down story) for this Narrative Visualization. You can access this html by opening the index.html file. This file has uploaded in github, here's the link:

https://github.com/Juho-Ye/cs416-Narrative_Visualization

The website operates as a narrative visualization and includes several components: it covers a specific scene (China's Economic History), provides annotations detailing significant events and their respective years, employs parameters (such as years), and uses triggers (each button of the story).

Users could download index.html, image1.jpg, image2.jpg, image3.jpg and image4.jpg under same directory, then open the index.html via browser (recommend Chrome) for correctly previewing this Narrative Visualization.

In preview, users could click the button with texts, to see what happened and the corresponding economic data (GDP, GDP per capita and GDP annual change). In addition, users could tab the mouse onto the corresponding datapoint on line chart to see the accurate data and the year.

A preview of this html file is provided below:

Heres the preview when clicked the button “Cultrual Revolution”:

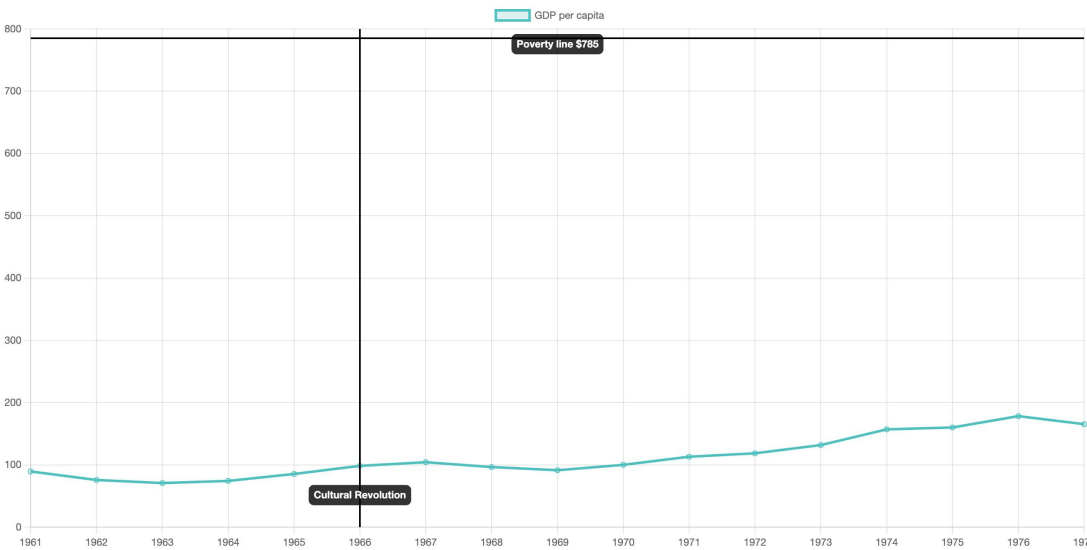
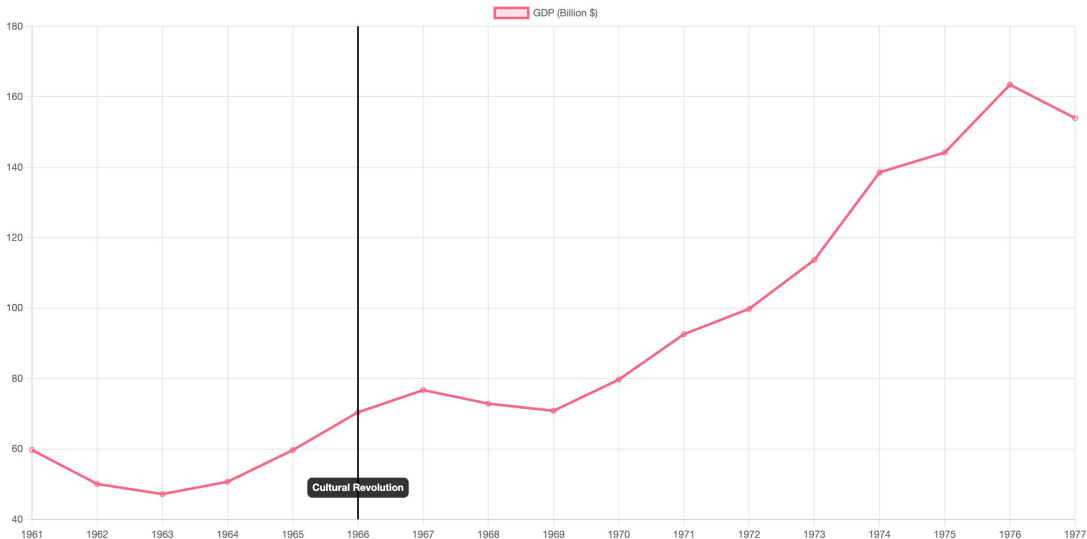
Economic History of China (1961~2022)

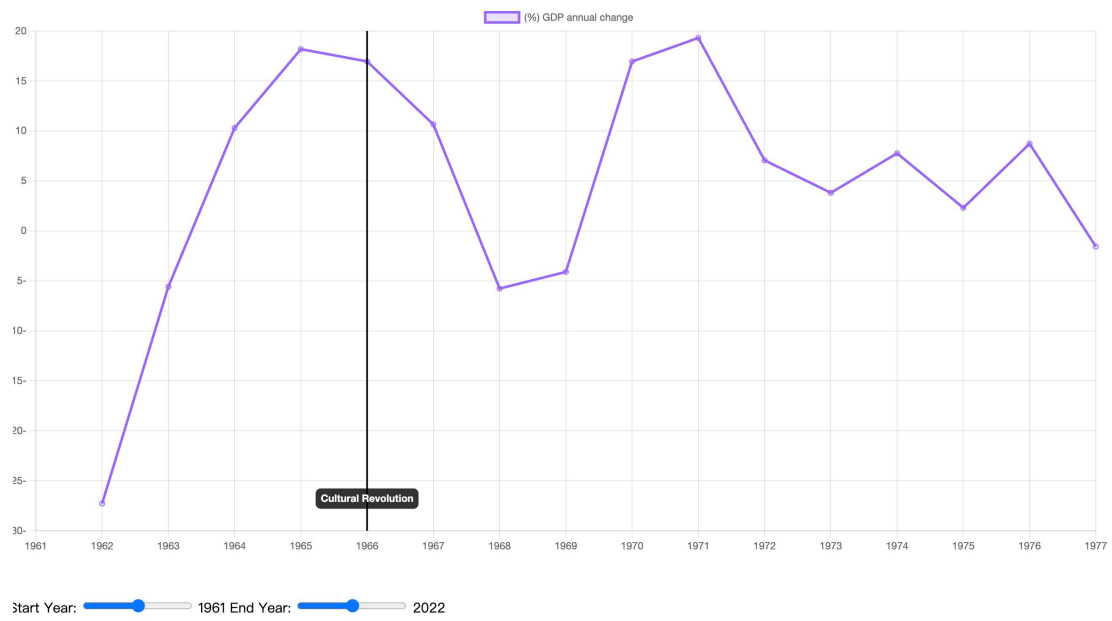
Cultural Revolution Chinese Economic Reform China join WTO COVID19

What happened:In 1966, Chairman Mao started the cultrual revolution, caused the regression of economic growth.



Start Year: 1961 End Year: 1977



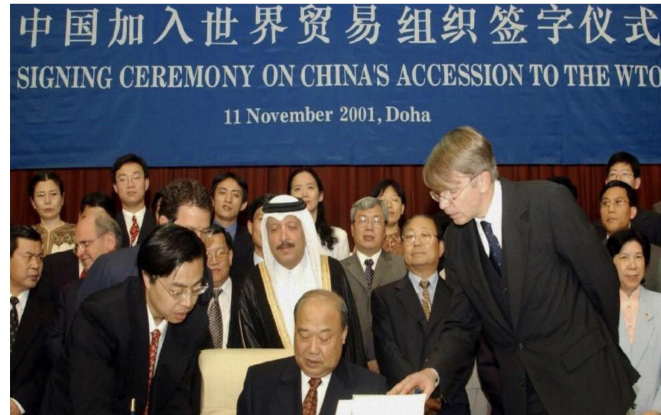


Heres the preview when clicked the button “China join WTO”:

Economic History of China (1961~2022)

Cultural Revolution Chinese Economic Reform China join WTO COVID19

What happened: In 2001, China joined WTO (World Trade Organization), which promoted export and further fostering the economy growth.



Start Year: 1978 End Year: 2019

