

SSC 442 Team 12

## Final Project Proposal

Wangpeng Xie; Qiting Guan; Yueling Zhang; Luwei Jiang

We are going to analyze the GDP growth in China from 1949-2019 (If we can find the data in 1949). To analyze this topic, we are going to find how the first industry, second industry, and third industry goes during these years. We are trying to find which industry helps the GDP most in these past years. We will also take into account the factors that have an impact on GDP.

During the test, we might quantitatively analyze and analyze whether there is also an impact between them. We may use the scatterplot to analyze these data. And the standard deviation to find the difference between these industries in some particular years that China's GDP has huge development. Base on the data we find and collect, we may predict how the Chinese economy is going to trend in the future. And we will also analyze which industry will be the main industry that the Chinese government is going to focus on. Which industry helps the most to accelerate China's GDP growth? We might use the regression model that we learn in class to find the linear relationship between these variables.

1. Which industry helps the most to accelerate China GDP growth?
2. How did Chinese GDP trend during these years?
3. Which industry plays the most important role in Chinese Economy?
4. What does Chinese Economy look like during these years?
5. How will Chinese Economy change in the future?

Data from: World Bank

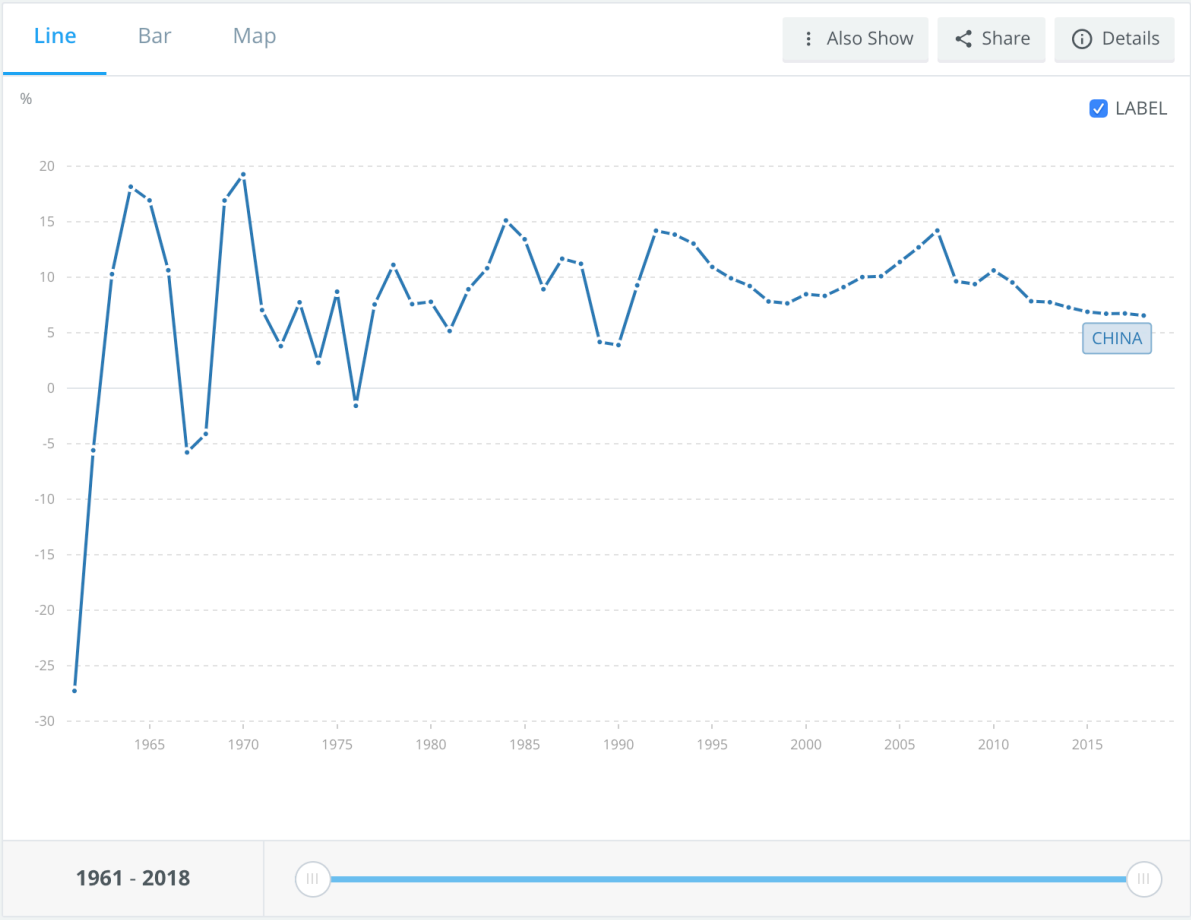
Method: ggplot2, table



# GDP growth (annual %) - China

World Bank national accounts data, and OECD National Accounts data files.

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# Manufacturing, value added (% of GDP) - China

World Bank national accounts data, and OECD National Accounts data files.

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