

TRENDS OF GLOBAL ECONOMY

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How the **economies** have been
playing their role in **history**?

Why is it important for IT engineers to study this?

Angus Maddison



- A British economist.
- In 1995, he published GDP estimates for 56 countries as far back as 1820.
- “rich colonies became poor, poor became rich”.

Why - GDP?

- Gross Domestic Product is the **monetary value** of all the finished goods and services.
- It was coined in 1934, by **Simon** Kuznets.
- GDP has a close correlation with the trend in **living** standards over time.

Factors governing GDP

- Human Resource (HR)
- Natural Resource (NR)
- Technological Resource (TR)

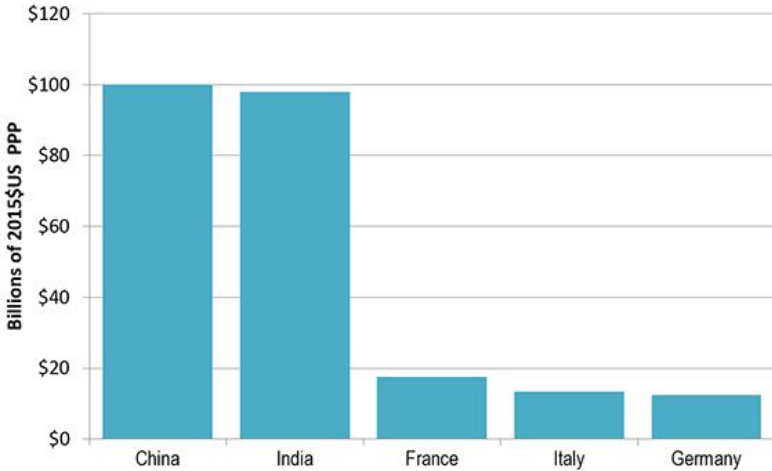
AD1 - 1000 AD - 1500 AD

- India had the **highest** GDP until 1500 AD. (with GDP 33.8 million dollars)
- Human Resource was the major characteristic, which made this possible.
- Around 1500 AD India contributed **24.5%** of world share and became second largest after China.
- China and India both had the HR and the NR in abundance.

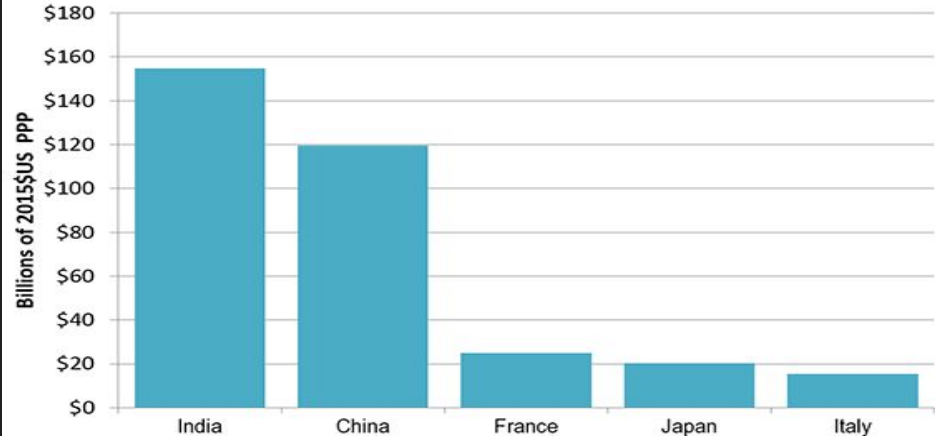
1500 to 1800 AD

- India and China were the **world** leaders.
- They both continued to flourish, and remained on top.
- **Europe** was however getting traction in the world as one of the leading economies and end of 1800

Gross Domestic Product: 1500
ESTIMATED: 5 LARGEST IN THE WORLD



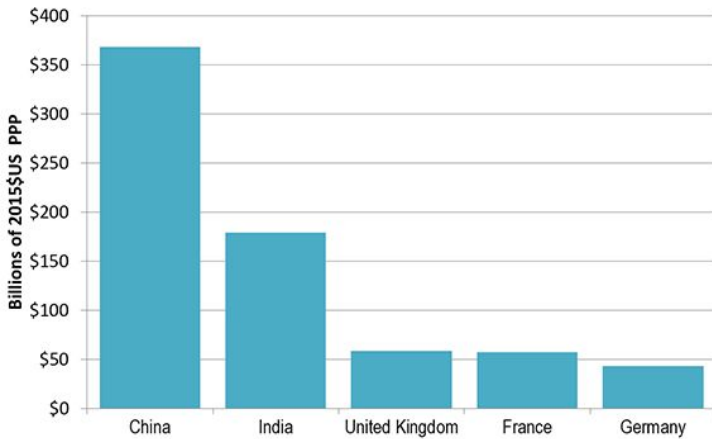
Gross Domestic Product: 1700
ESTIMATED: 5 LARGEST IN THE WORLD



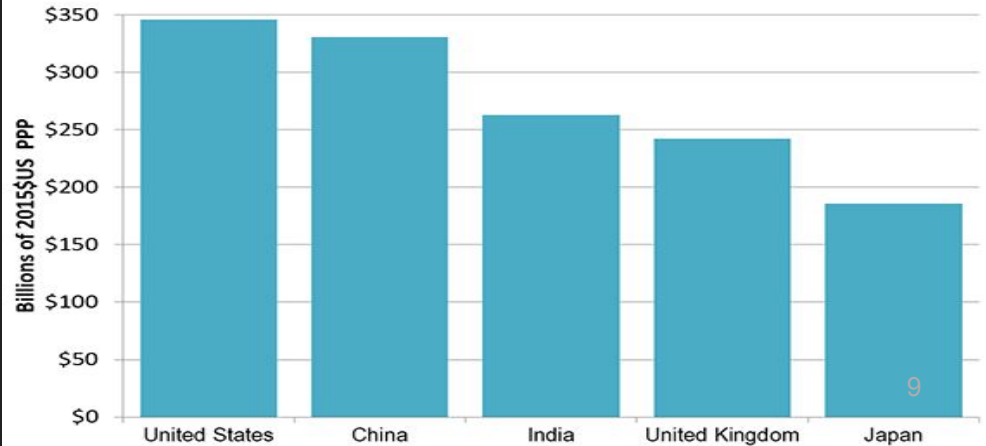
1800 to 1900

- India's economy got a major hit due to the **colonization** Era.
- Some capitalist countries though got the advantage of colonization to move their economic state ahead.
- Technical Resources - Mainly the Industrial revolution took place, And **USA** came in to the picture at around 1850's.

Gross Domestic Product: 1820
ESTIMATED: 5 LARGEST IN THE WORLD



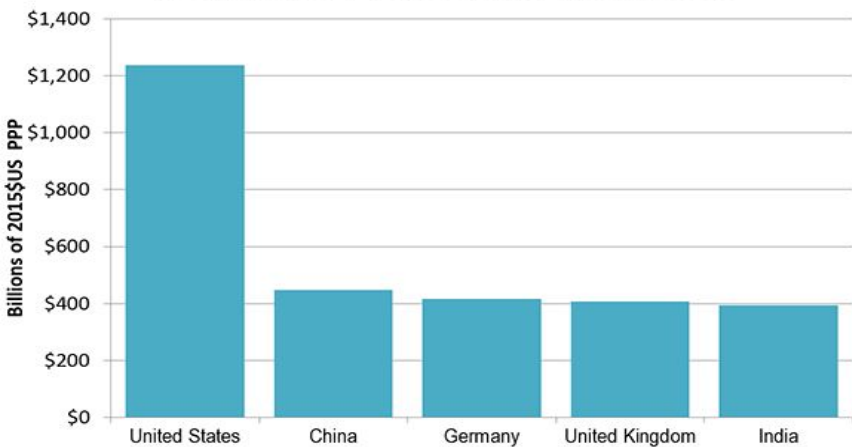
Gross Domestic Product: 1890
ESTIMATED: 5 LARGEST IN THE WORLD



1900 to 2000's

Gross Domestic Product: 1930

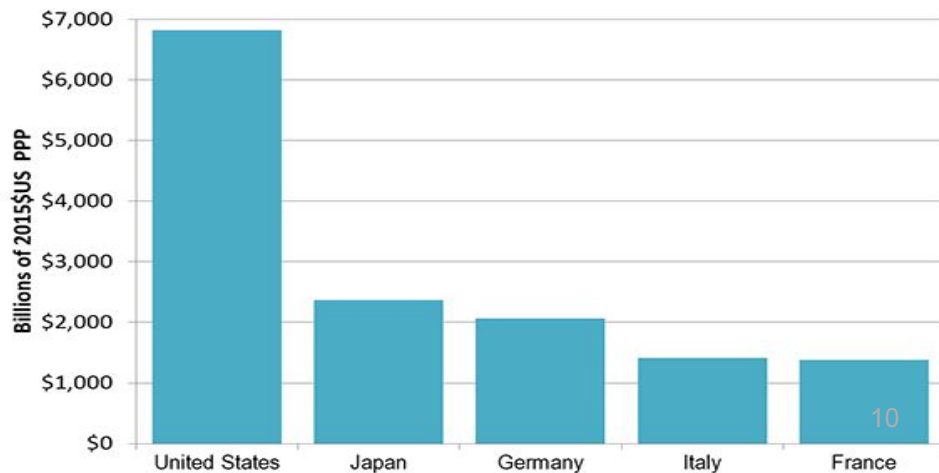
ESTIMATED: 5 LARGEST IN THE WORLD



- US was the economic **super-power**.
- China **restricted** its trades and economic ventures, which led to the downfall of Asian countries.
- Japan saw a sudden **rise** in their GDP after the post World war crisis that it went through.
- Technological advancement was the major factor that can be attributed for the same.

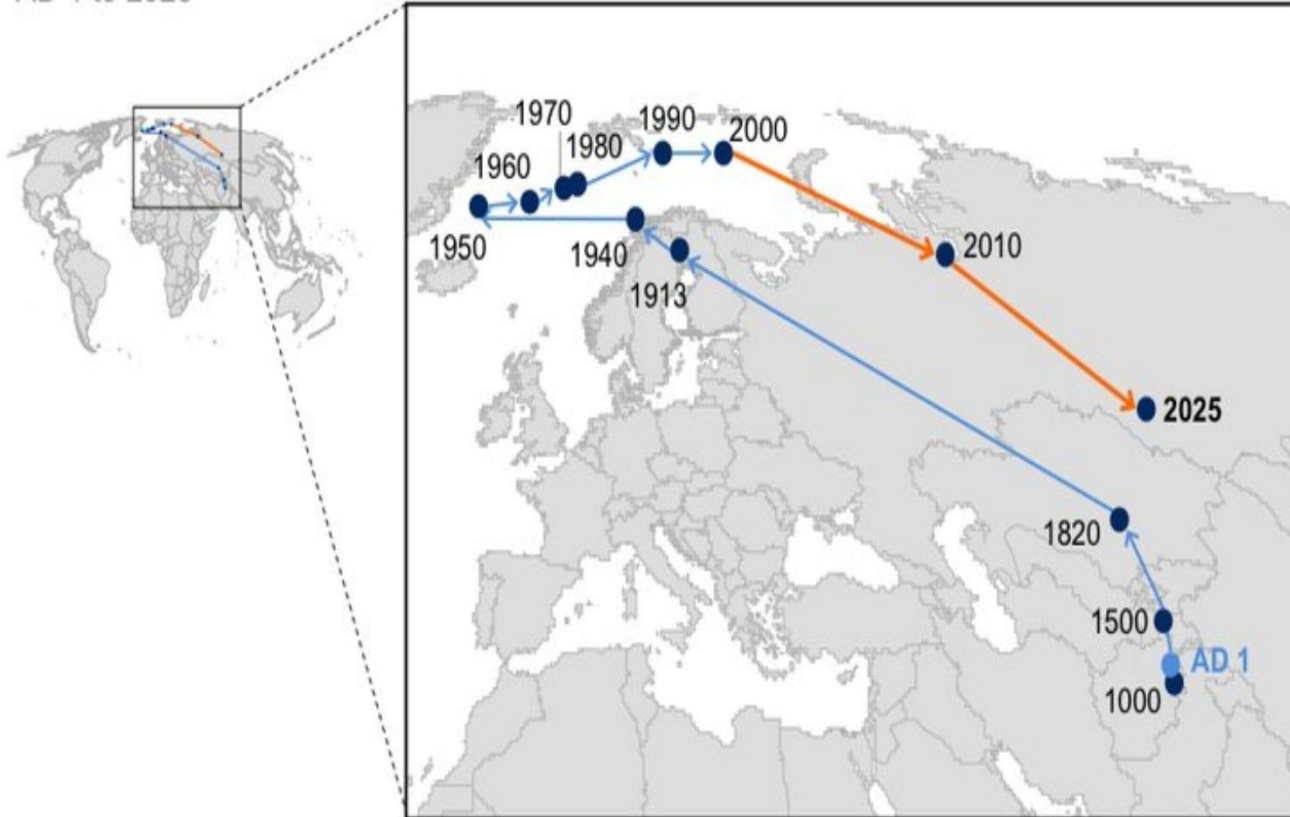
Gross Domestic Product: 1980

ESTIMATED: 5 LARGEST IN THE WORLD



Economic Shift from AD1 to Present

AD 1 to 2025



While it started from India, it **shifted** to China, Europe and USA.

Growth has accelerated the fastest in services, followed by industry, and less so in agriculture.

It further is predicted according to the trends, that the shift is to be seen coming back to **Asia**.

Resources

- <https://www.businessinsider.com/mckinsey-worlds-economic-center-of-gravity-2012-6?IR=T>
- <https://www.newgeography.com/content/005050-500-years-gdp-a-tale-two-countries>

Dedicated to



Amartya Sen

Indian economist

Thank You