



US-CHINA COMMODITY TRADE FLOW

IST 719



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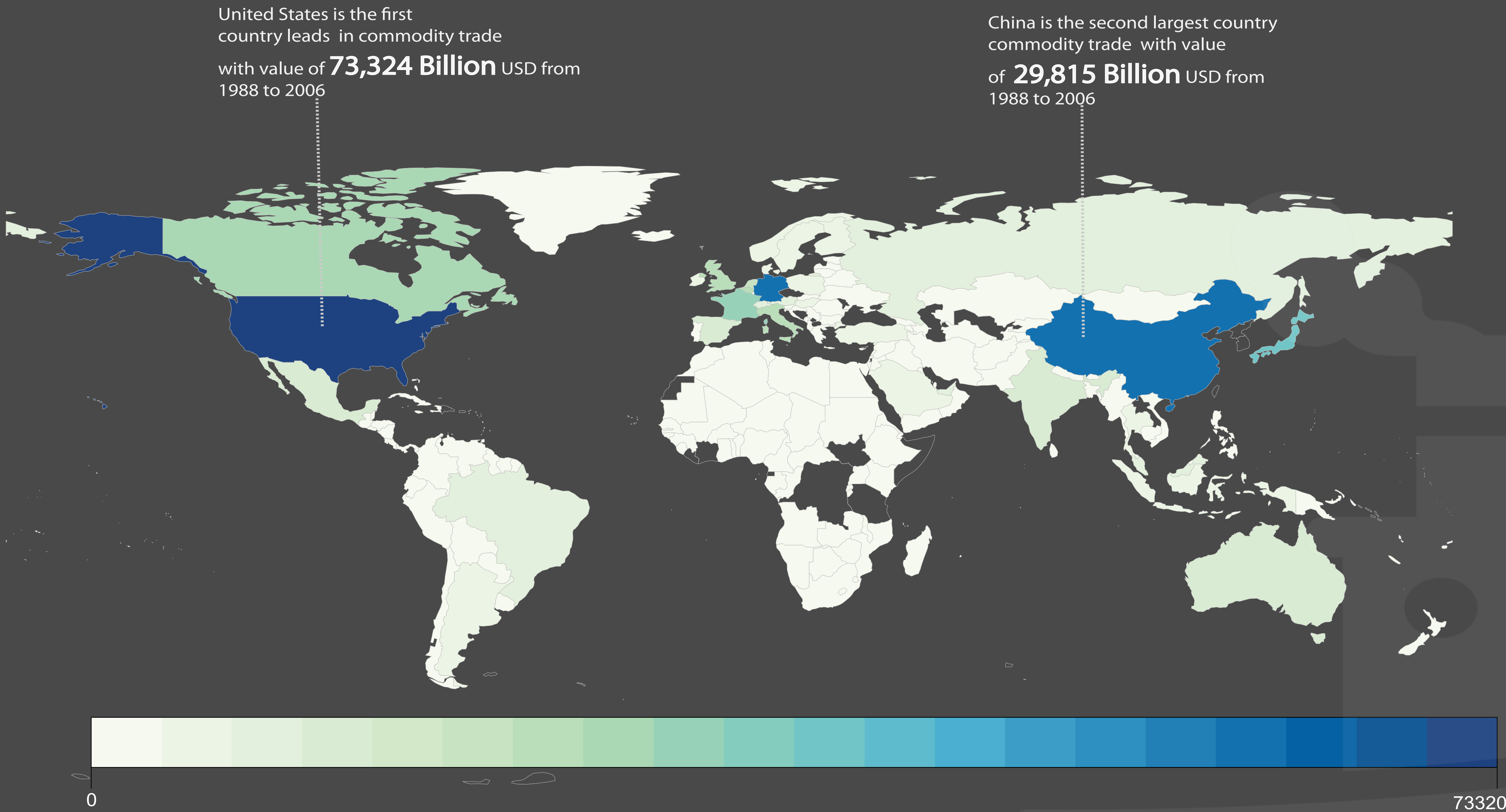


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Story

Commodities have served a vital role in the economy. It continue to play an important role in the economies of many developing countries., with commodity price movements significantly impacting economic growth, poverty, food security and the path to a socially, economically and environmentally sustainable growth. After the election, President Trump made much of “Making America Great Again” and bringing manufacturing back to America. He has imposed tariff on \$250 billion worth of chinese imports and China has retaliated, rasing tariffs on U.S exports. In this poster we will analyze on US-China commodity trade to see how it impacted to the whole world.



Data Description



209 countries



781,898 Billions



1988-2016



5031
Unique Value

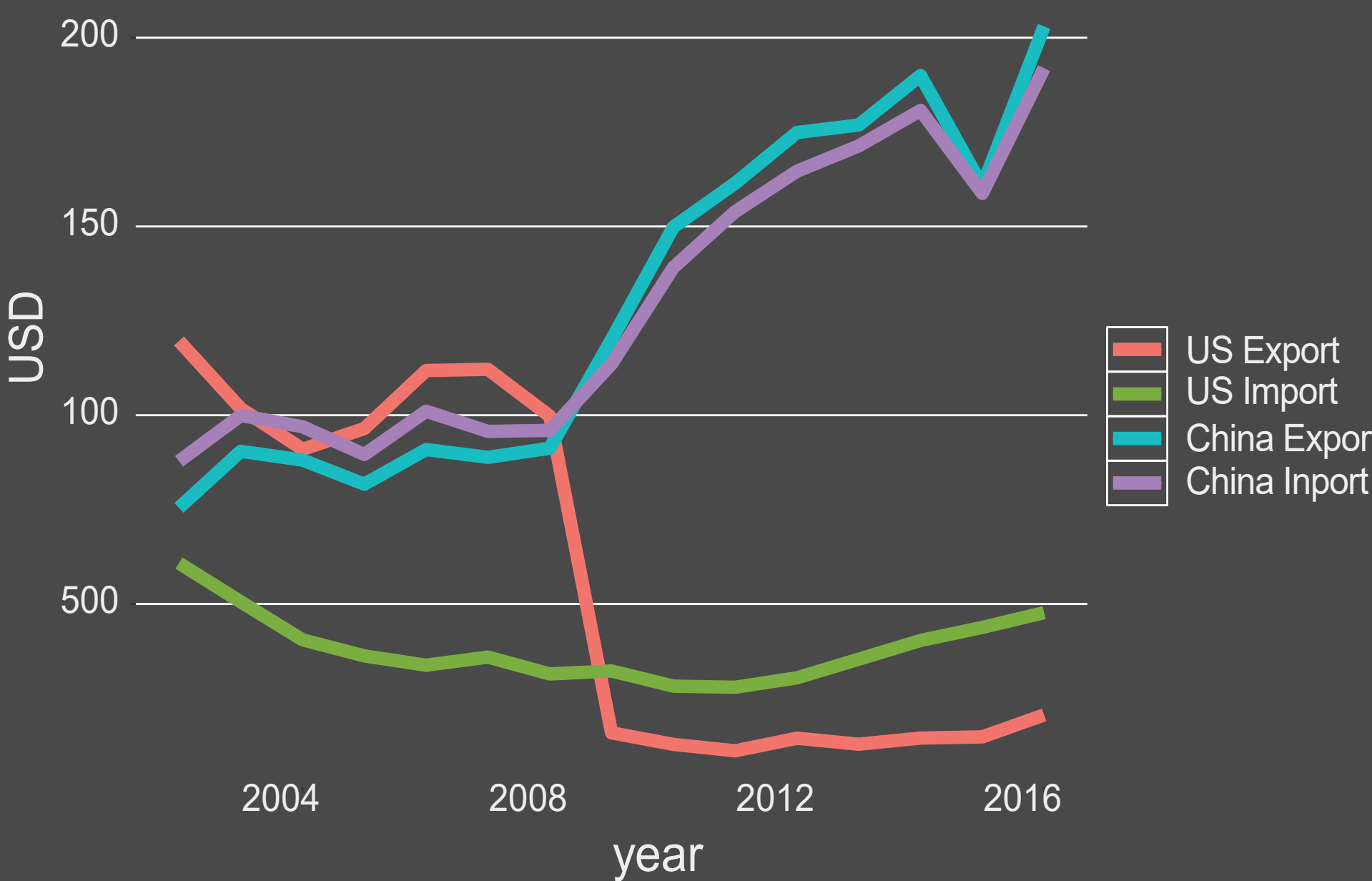
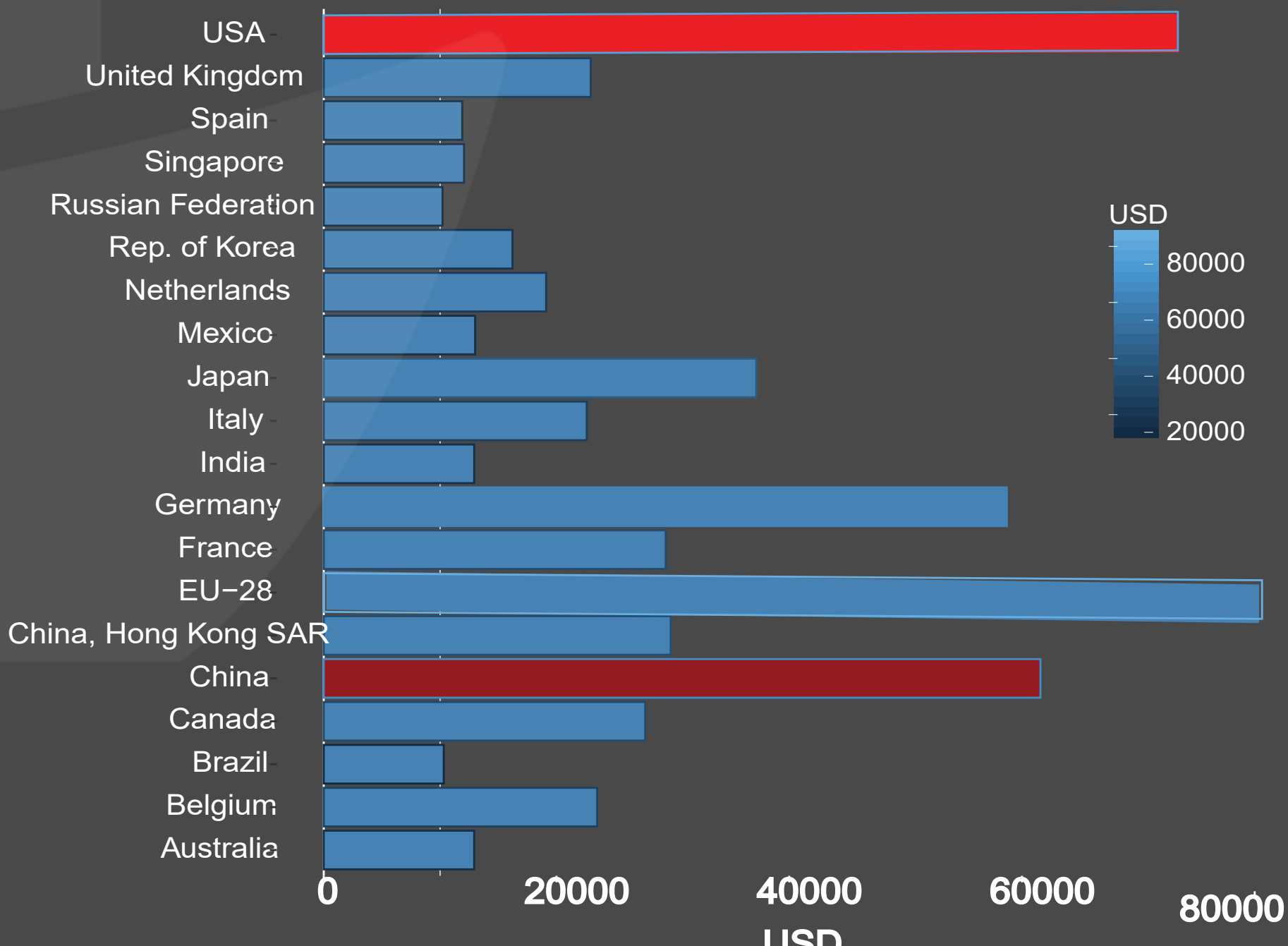
The data is retrieved from Kaggle published by United Nations StatisticsDivision on UNData site. This data contains 8225871 observations and 11 variables. It ranges from 1988-2016.
Link: <https://www.kaggle.com/unitednations/global-commodity-trade-statistics>

Motivation

Commodities have been a big highlight during trade war talk between US and China. The tension escalated in roiled commodities after this two world's biggest economies try to impose tariffs to each other. Therefore, the information will cover the audience of researcher, economist and policy maker.

Trading Statitics

Top 20 Countries Trade in The World



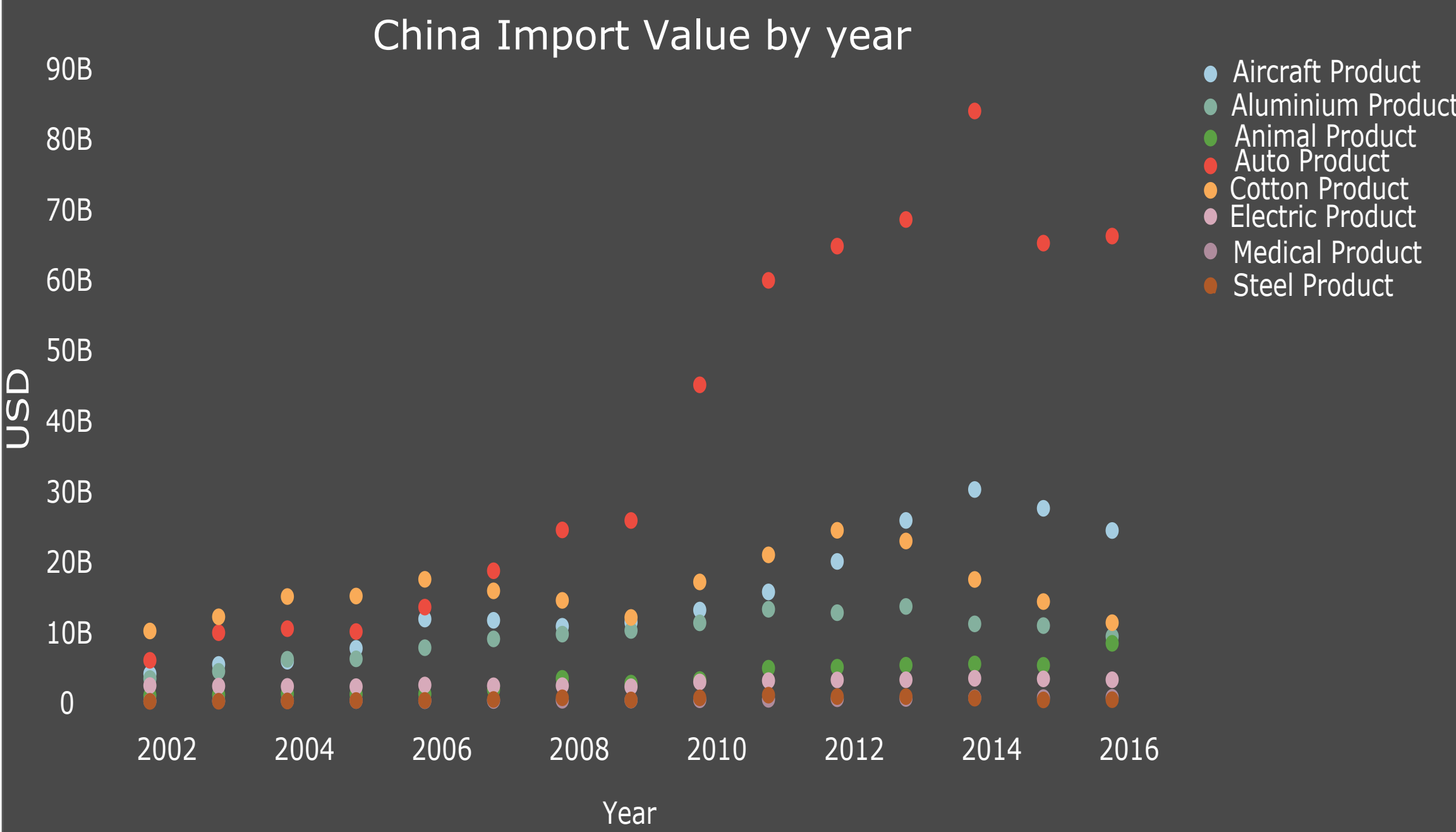
Package

dplyr, RColorBrewer,ggplot2,plotly,rworldmap
data.table, readr,base,stringr,tidyr,lubridate

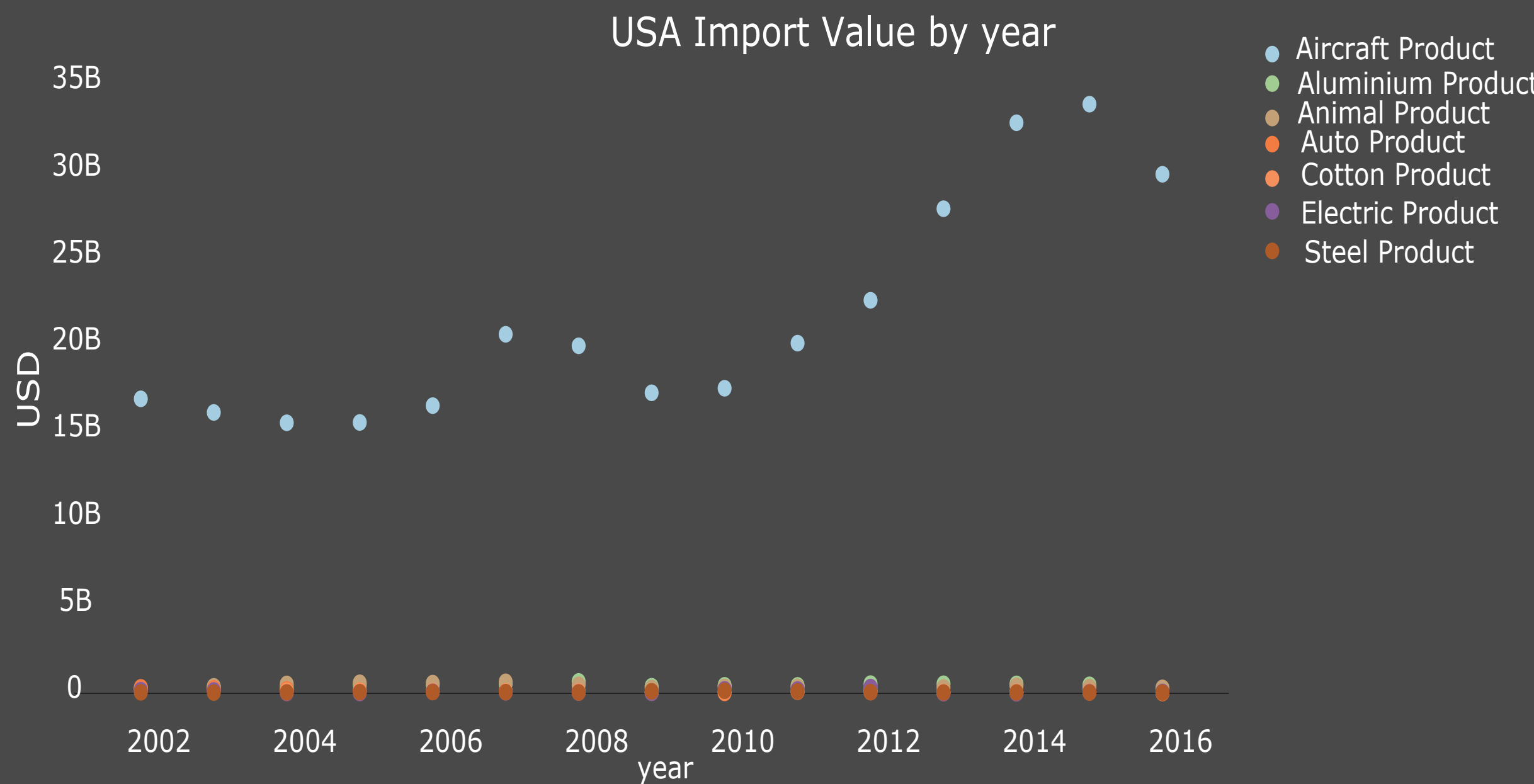
Data Source

This data was kindly published by the United Nation Statistics Division on UNData site.

China Trade Flow Top Six Categories ?



U.S Trade Flow Top Six Categories ?



The red two bar in the chart above shows the two leading country commodity trade with total value of **103,139 Billion** USD from 1988 to 2016.

The total value commodity trade of the world from 1988-2016 is approximately of **781,898 Billions** USD. U.S and China is contributed around **20%** of the total import and export around the world.

Result

The picture told us clear that both countries is two leading of commodity trading account for almost 20% of the total trade. With uncertainty and tension in trade war talk will hurt both countries. The international trade order will be damaged, and both United State and china will suffer if washington imposes further tariffs on chinese goods. since both countries have been imposed tariff to each other, WTO has been projecting by lower its forecast for growth in the global commodity trade from 2018 to 3.9 percent. from 4.4 percent in April. we urge both countries to have a settlement agreement to yield benefit for both citizen of the countries.

Key Headline US - China Trade Dispute

