

FINAL PROJECT

Merchandise Trade

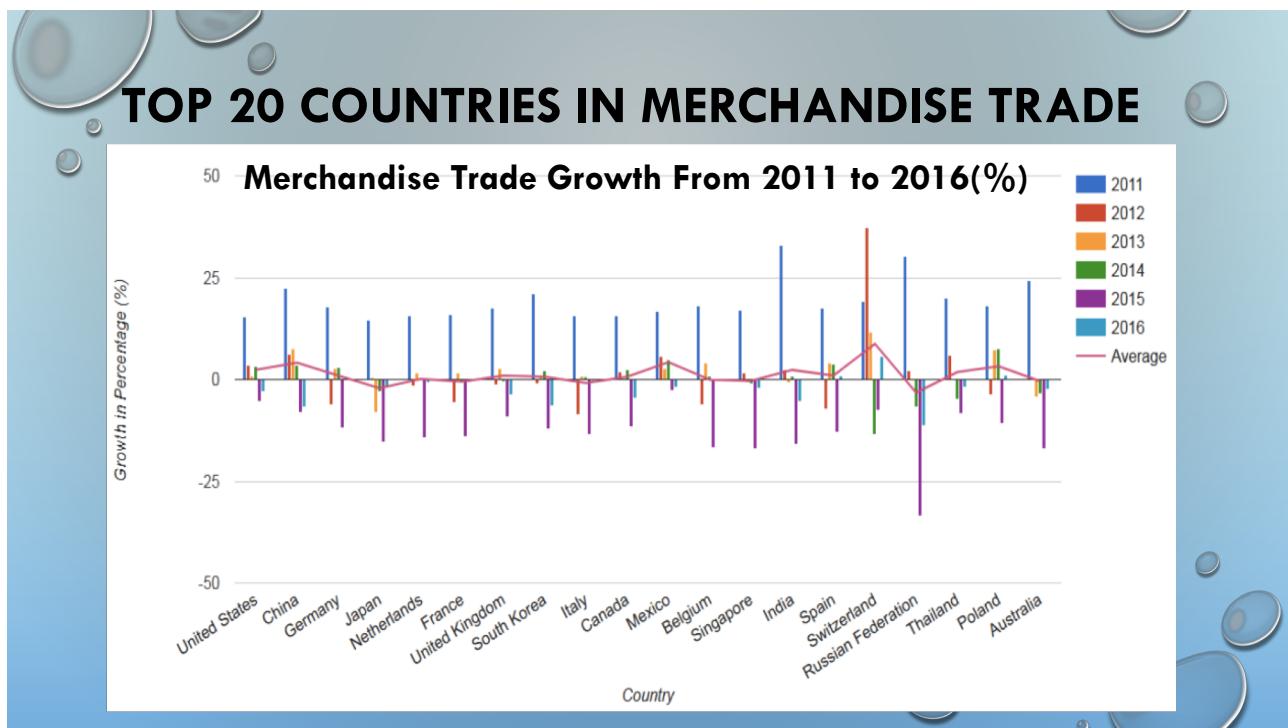
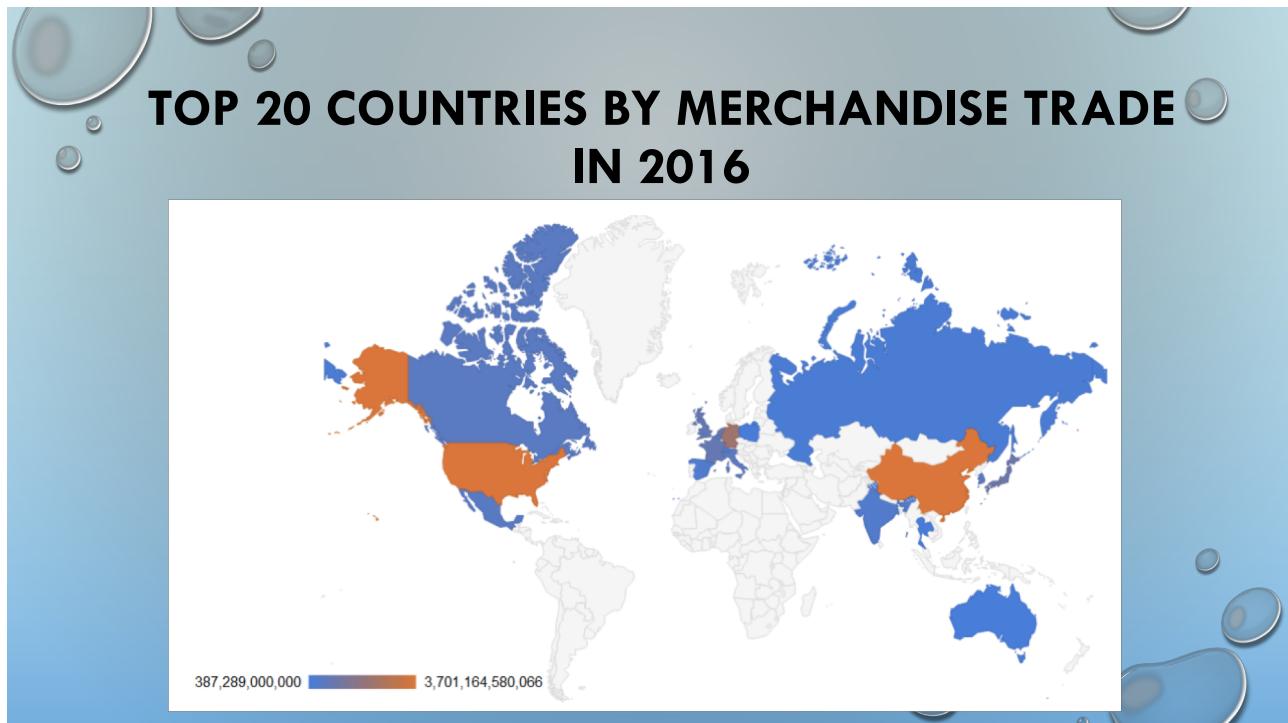
Instructor: Professor Nima Zahadat

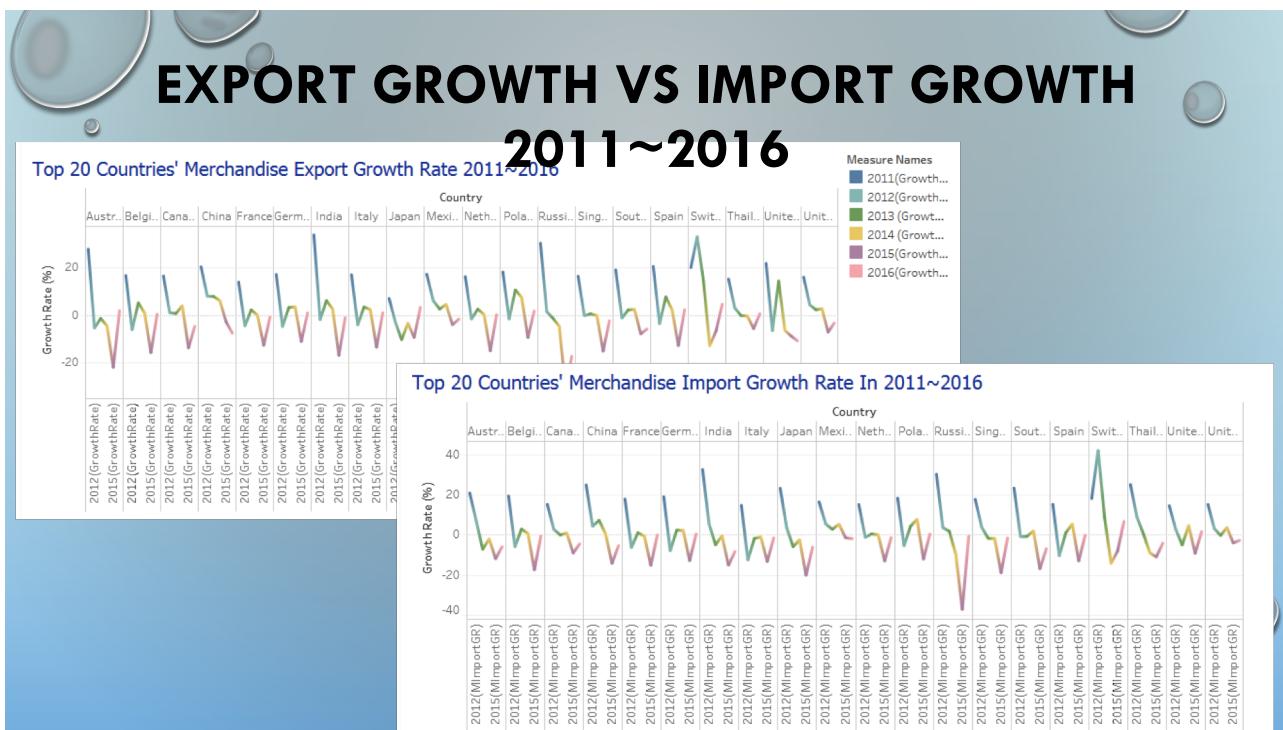
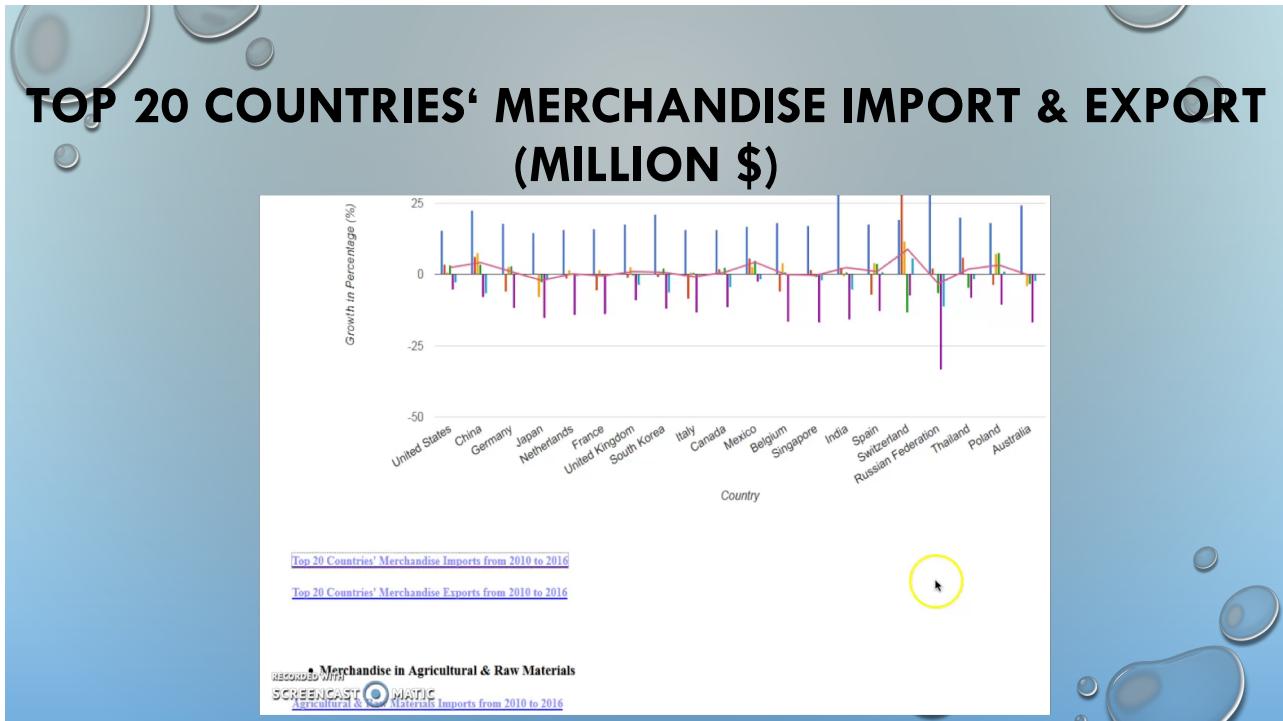
Class: Visualization of Complex Data (DATS_6401_O10)

Student: Phoebe Wu

DATA SOURCE

- THE WORLD BANK
- Simple Cleaning and Calculating in EXCEL
- Using google API, Tableau and Datawrapper to create the plots.





MERCHANDISE TRADE INCLUDE

AGRICULTURAL & RAW MATERIALS

- Merchandise in Agricultural & Raw Materials
 [Agricultural & Raw Materials Imports from 2010 to 2016](#)
[Agricultural & Raw Materials Exports from 2010 to 2016](#)
- Merchandise in Food
 [Food Imports from 2010 to 2016](#)

[Food Exports from 2010 to 2016](#)
- Merchandise in Manufacture
 [Manufacture Imports from 2010 to 2016](#)
[Manufacture Exports from 2010 to 2016](#)
- Merchandise in Fuel
 [Fuel Imports from 2010 to 2016](#)
[Fuel Exports from 2010 to 2016](#)
- Merchandise in Ores & Metals
 [Ores & Metals Imports from 2010 to 2016](#)
RECORDED WITH SCREENCASTOMATIC

Food

- Merchandise in Agricultural & Raw Materials
 [Agricultural & Raw Materials Imports from 2010 to 2016](#)
[Agricultural & Raw Materials Exports from 2010 to 2016](#)
- Merchandise in Food
 [Food Imports from 2010 to 2016](#)
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- Merchandise in Fuel
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[Fuel Exports from 2010 to 2016](#)
- Merchandise in Ores & Metals
 [Ores & Metals Imports from 2010 to 2016](#)
RECORDED WITH SCREENCASTOMATIC

MERCHANDISE TRADE INCLUDE

MANUFACTURE

- Merchandise in Food
 [Food Imports from 2010 to 2016](#)
[Food Exports from 2010 to 2016](#)
- Merchandise in Manufacture
 [Manufacture Imports from 2010 to 2016](#)
[Manufacture Exports from 2010 to 2016](#)
- Merchandise in Fuel
 [Fuel Imports from 2010 to 2016](#)
[Fuel Exports from 2010 to 2016](#)
- Merchandise in Ores & Metals
 [Ores & Metals Imports from 2010 to 2016](#)
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Ores & Metals

- Merchandise in Food
 [Manufacture Exports from 2010 to 2016](#)
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 [Fuel Imports from 2010 to 2016](#)
[Fuel Exports from 2010 to 2016](#)
- Merchandise in Ores & Metals
 [Ores & Metals Imports from 2010 to 2016](#)
[Ores & Metals Exports from 2010 to 2016](#)
- Export Growth vs Import Growth 2011~2016
 [Top 20 Countries' Export Growth and Import Growth 2011~2016](#)

Fuel

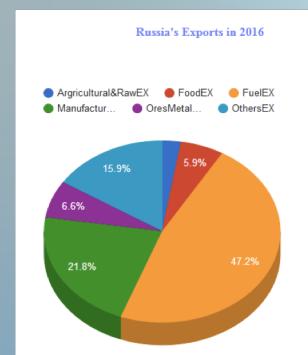
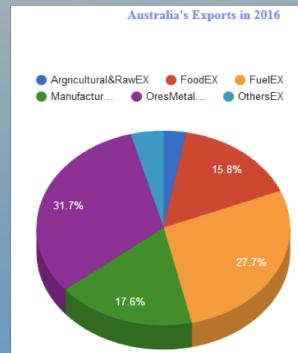
-2016

USA

RECORDED WITH SCREENCASTOMATIC

PERCENTAGE OF EACH TOPIC IN EVERY COUNTRY

- In all the top 20 countries, the main imports are "Manufacture".
- Most of the countries' main exports are " Manufacture".
- However, Russia's main export is " Fuel".
- Australia's main exports are
" Ores & Metals and Fuel".



Look at the code
&chart page

CONCLUSION

- Most of the top 20 countries' merchandise trade growth rates are declining especially in 2015 (the lowest in past six years).
- Merchandise imports and exports in every country are quite relational because the trends are very similar.
- " Manufacturing" is the main import and export for most of the top 20 countries and I believe it will still be in the future. After all, Ores & Metals and Fuel are limited.
- I think that every country has different main merchandise goods and the trending in merchandise trade related to the country's region, natural environment, economic development, and the global situation.