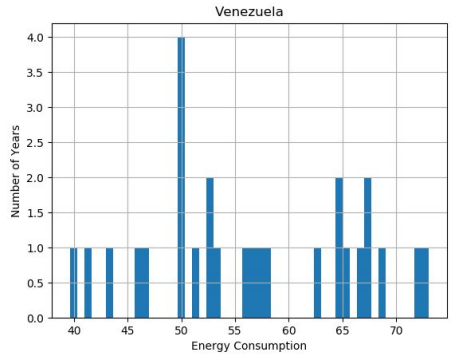
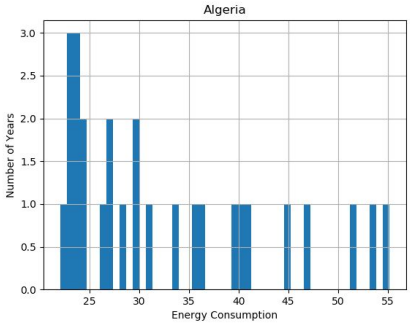
By submitting this assignment, all team members agree to the following:
#"Aggies do not lie, cheat, or steal, or tolerate those who do"
#"I have not given or received any unauthorized aid on this assignment"
#"As a team, we have gone through all required sections of the tutorial, and each team member understands the material."
#
Names: Omer Coban
Nicholas Pena
Sebastian Monroe
Ashok Meyyappan
Section: 507
Assignment: Final Project
Date: 12/7/2018

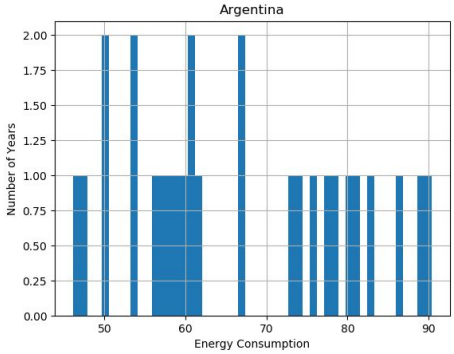
Looking at the data provided, Asia seems to have the relatively higher energy usage. North America has a high usage in regard to the United States being the major country of usage, followed by Canada. The distribution of energy consumption is clearly not equally distributed, with Africa, Middle East, and South America lagging behind. Brazil remains of the countries that has a high consumption from its neighbors. This is also highlighted by the large availability of electricity and natural gas within those countries. Also, there exists high carbon emissions within the United States, China, and India, which also exhibited high energy usage. What is also evident is that the population within these areas are higher, which may lead to the higher energy consumption and carbon emissions. The levels of carbon dioxide will for sure be impacted, and will have a variation of impact per region due to the different levels of energy numbers. The need to use more energy to suffice a larger population is a major cause to high usage levels. Also, the multiple uses of these energies led to more carbon emissions. So, places of high emissions and high usage are more likely to have higher levels of carbon dioxide in the atmosphere. In other words, places with generally higher populations are more likely to have higher levels of carbon dioxide within the atmosphere. As long as the population sizes differ a great deal, there will

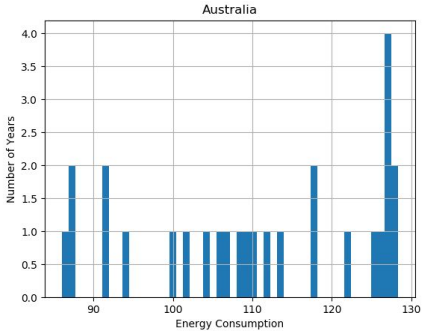
always be a variance to energy and carbon dioxide levels in the atmosphere by region.

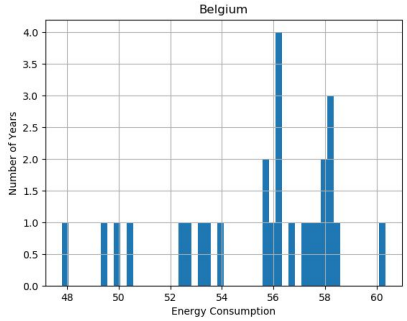
Consumption for each country with respect to years:

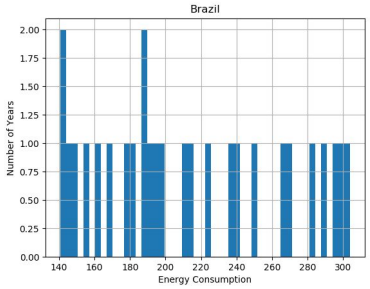


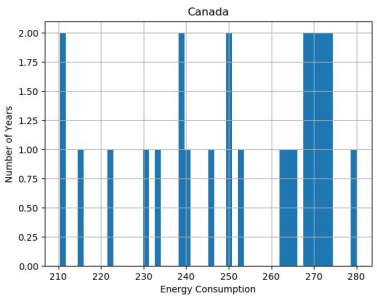


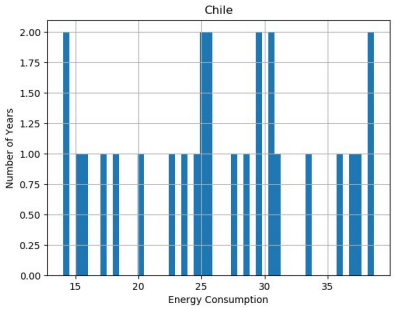


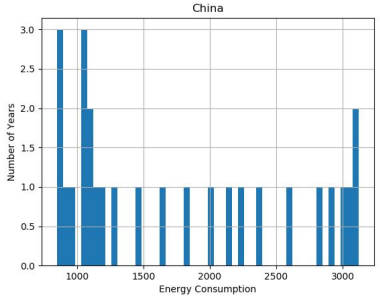


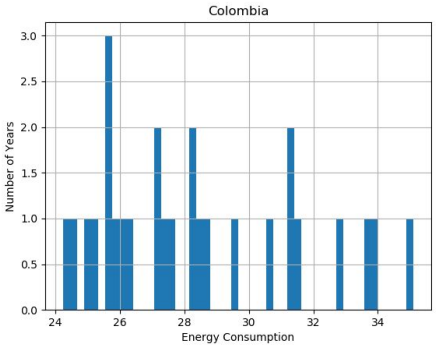


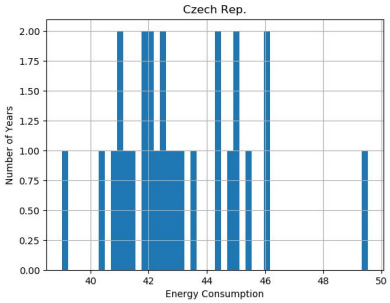


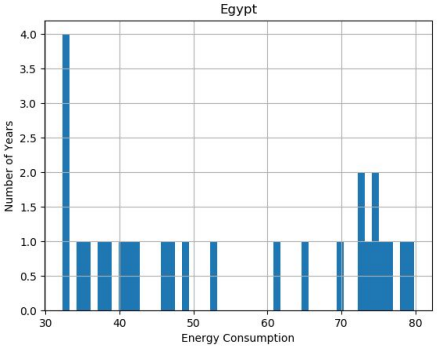


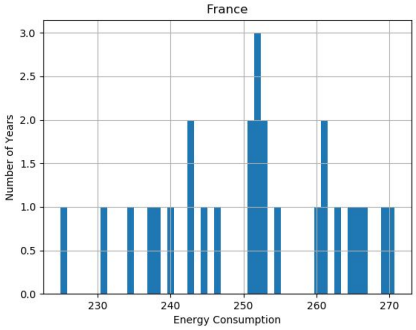


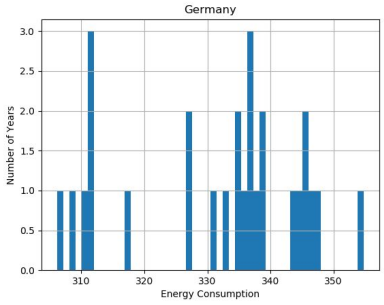

China
Number of Years
Energy Consumption

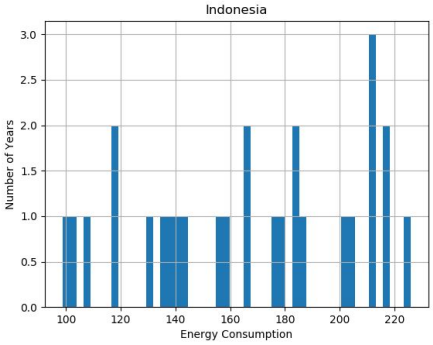

Colombia
Number of Years
Energy Consumption

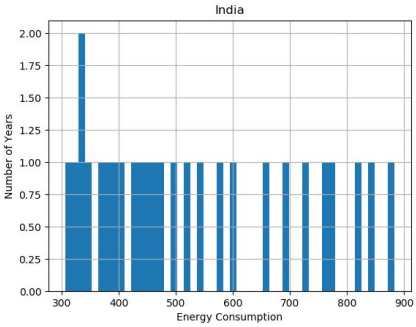

Czech Rep.
Number of Years
Energy Consumption

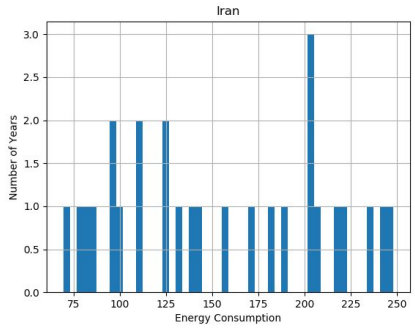

Egypt
Number of Years
Energy Consumption

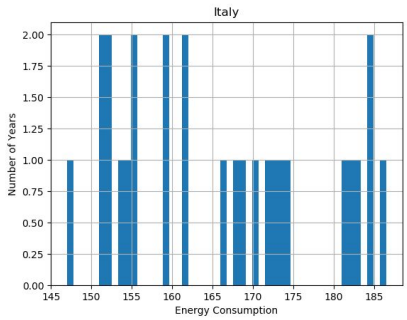

France
Number of Years
Energy Consumption

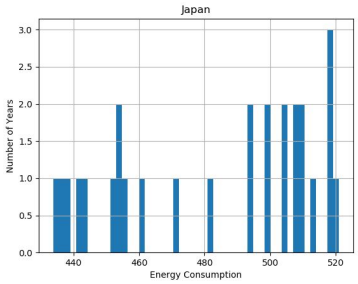

Germany
Number of Years
Energy Consumption

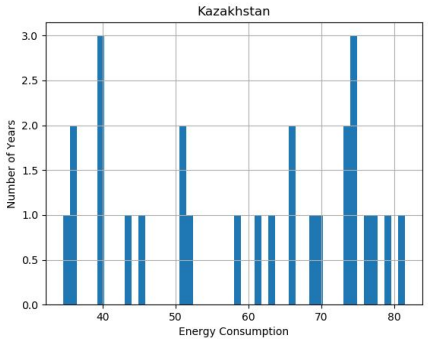

Indonesia
Number of Years
Energy Consumption

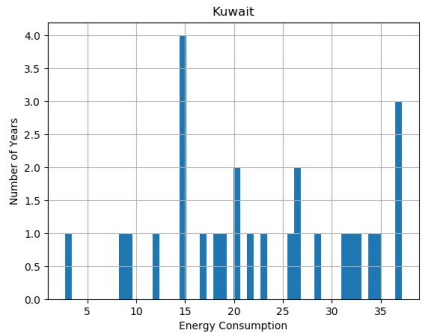

India
Number of Years
Energy Consumption

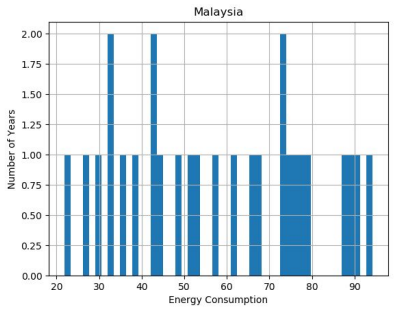

Iran
Number of Years
Energy Consumption

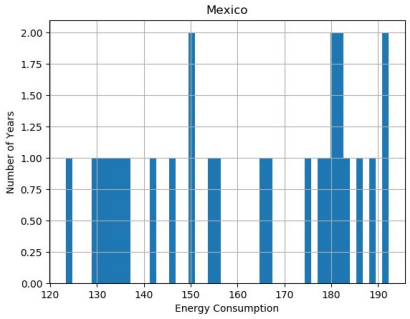

Italy
Number of Years
Energy Consumption

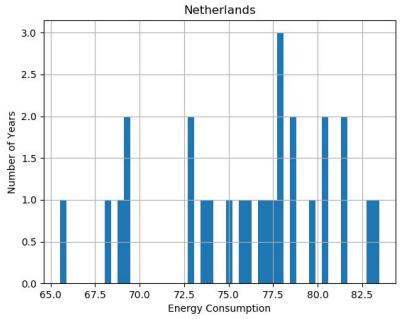

Japan
Number of Years
Energy Consumption

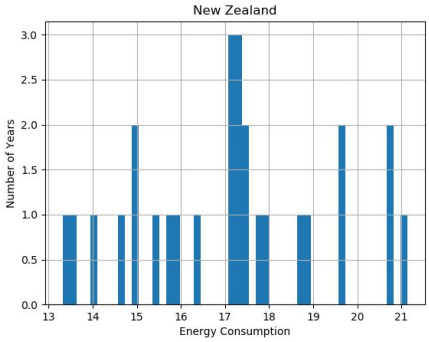

Kazakhstan
Number of Years
Energy Consumption

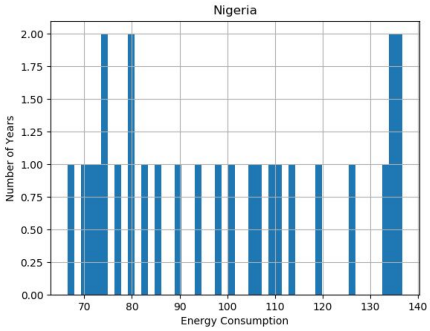

Kuwait
Number of Years
Energy Consumption

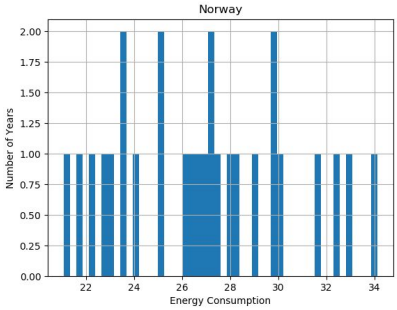

Malaysia
Number of Years
Energy Consumption

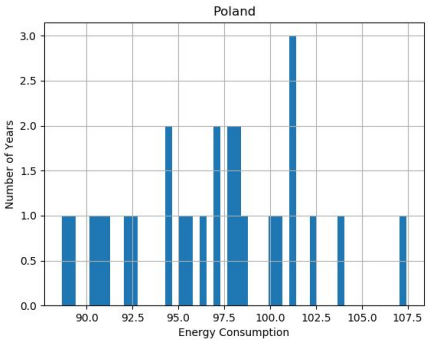

Mexico
Number of Years
Energy Consumption

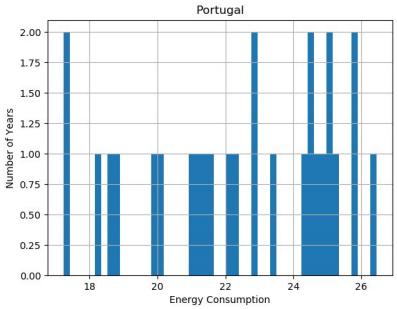

Netherlands
Number of Years
Energy Consumption

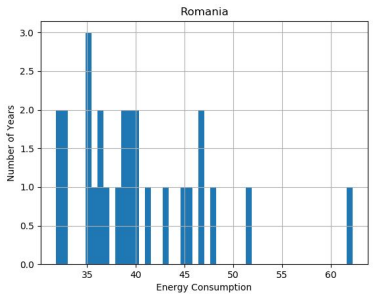

New Zealand
Number of Years
Energy Consumption

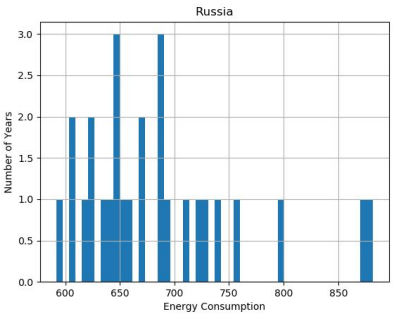

Nigeria
Number of Years
Energy Consumption

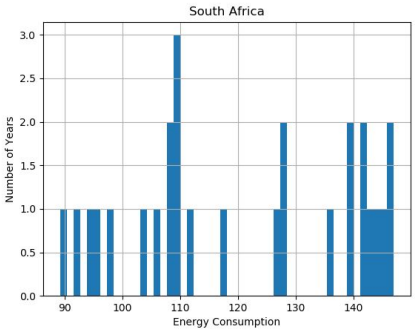

Norway
Number of Years
Energy Consumption

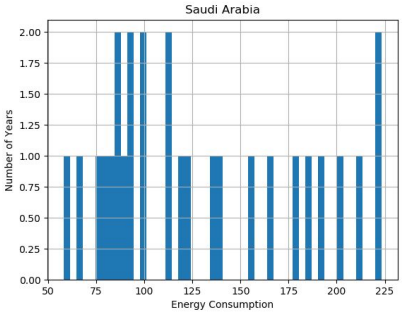

Poland
Number of Years
Energy Consumption

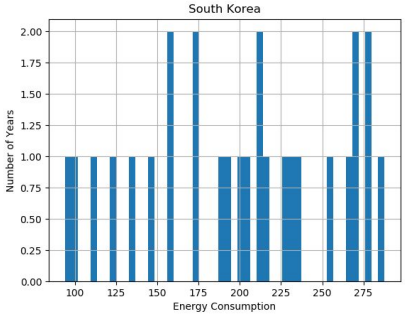

Portugal
Number of Years
Energy Consumption

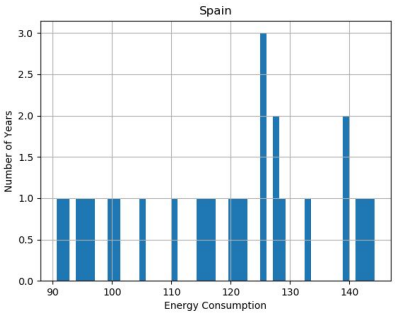

Romania
Number of Years
Energy Consumption

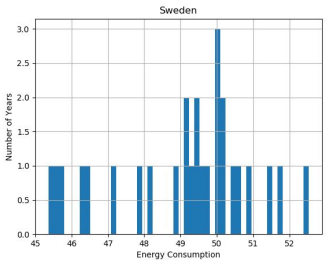

Russia
Number of Years
Energy Consumption

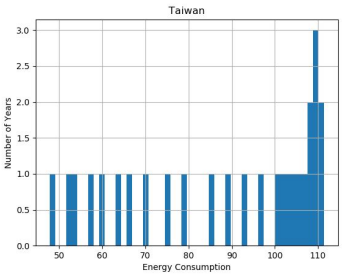

South Africa
Number of Years
Energy Consumption

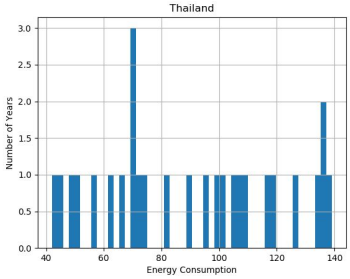

Saudi Arabia
Number of Years
Energy Consumption

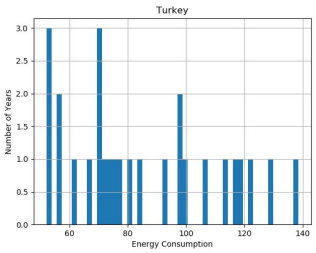

South Korea
Number of Years
Energy Consumption

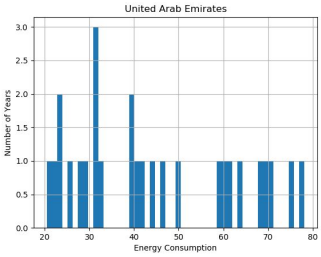

Spain
Number of Years
Energy Consumption

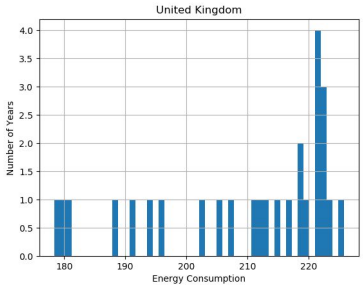

Sweden
Number of Years
Energy Consumption

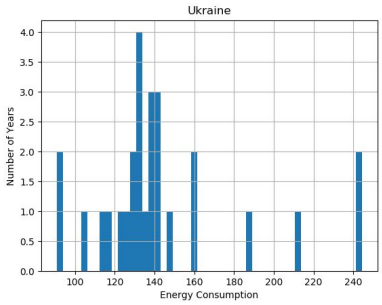

Taiwan
Number of Years
Energy Consumption

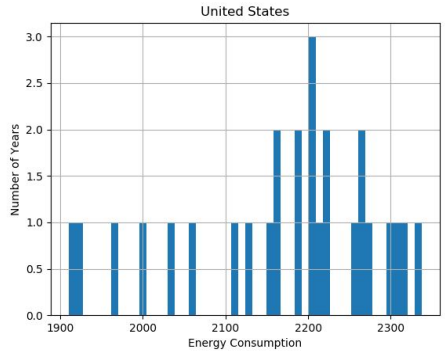

Thailand
Number of Years
Energy Consumption

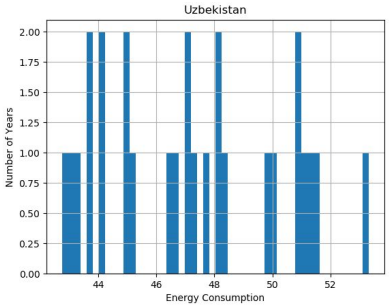

Turkey
Number of Years
Energy Consumption


United Arab Emirates
Number of Years
Energy Consumption

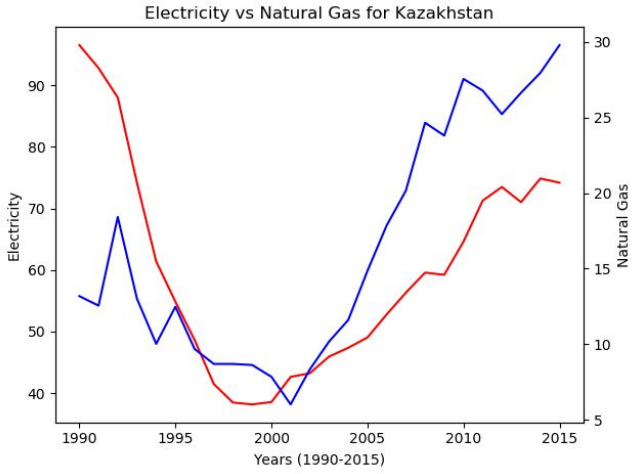


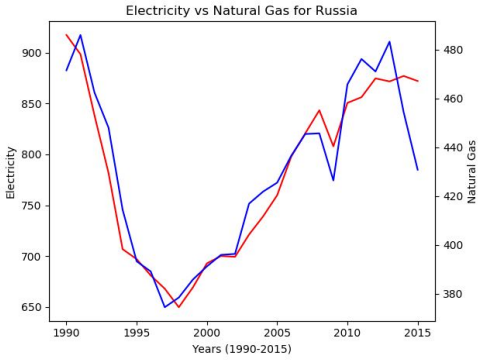


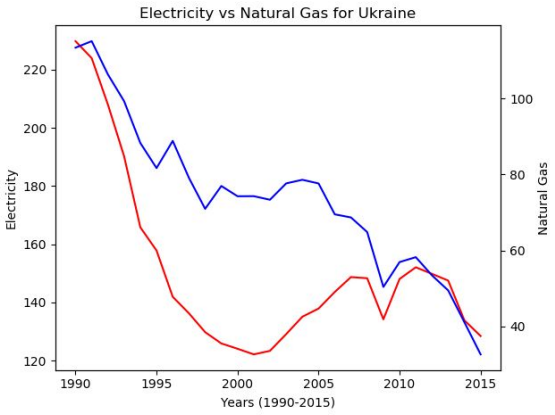


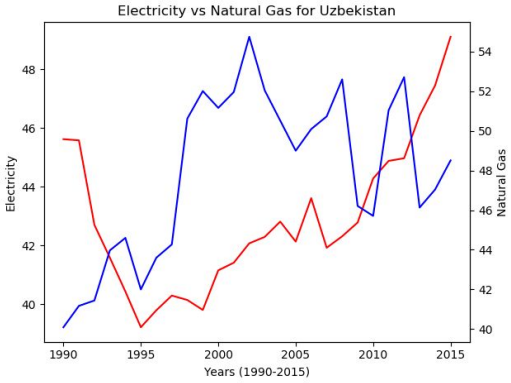


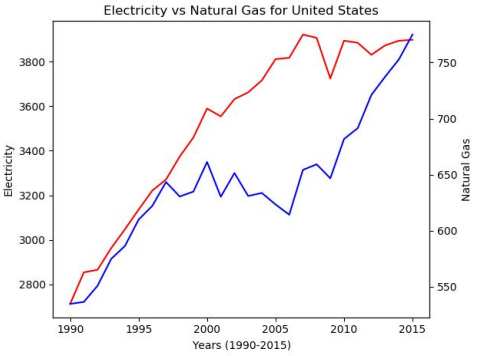
Electricity vs Natural Gas for each country in terms of years:

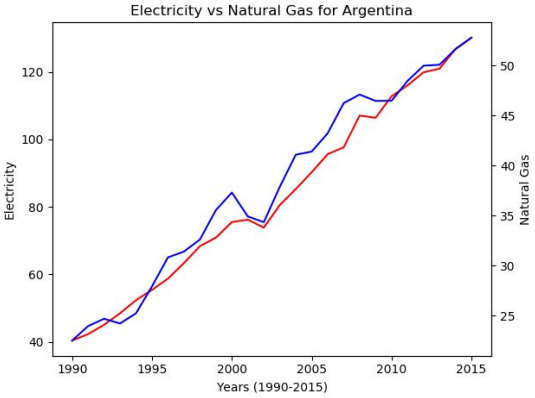


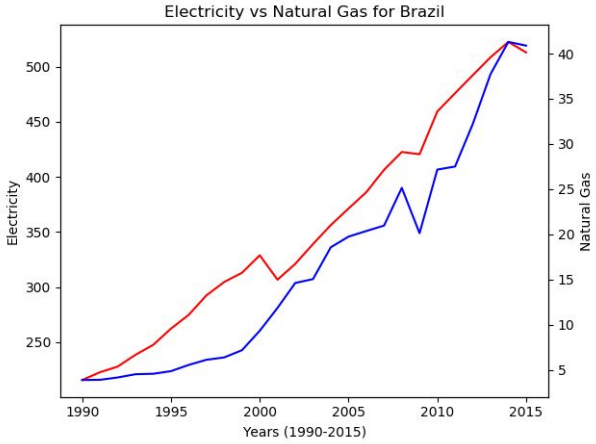


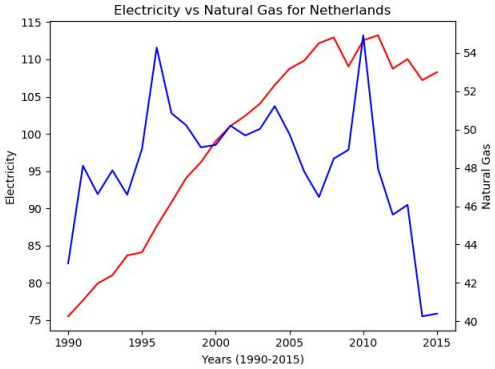

Electricity vs Natural Gas for Ukraine
Electricity
Natural Gas
Years (1990-2015)

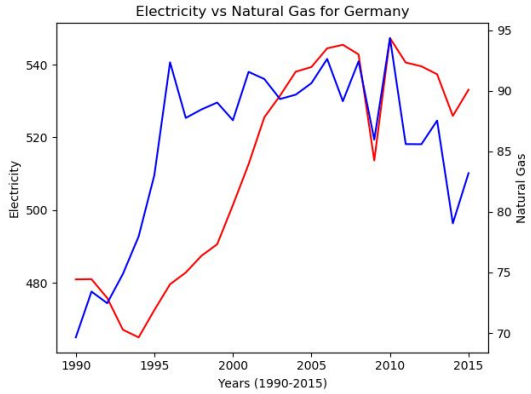

Electricity vs Natural Gas for Uzbekistan
Electricity
Natural Gas
Years (1990-2015)

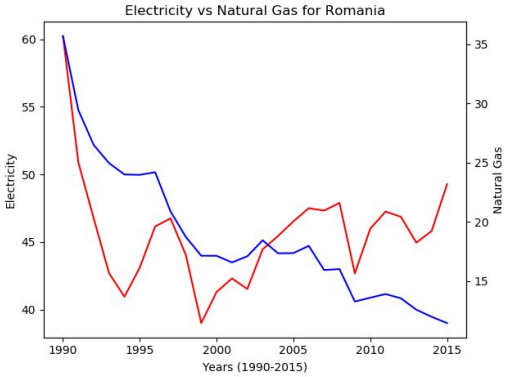

Electricity vs Natural Gas for United States
Electricity
Natural Gas
Years (1990-2015)

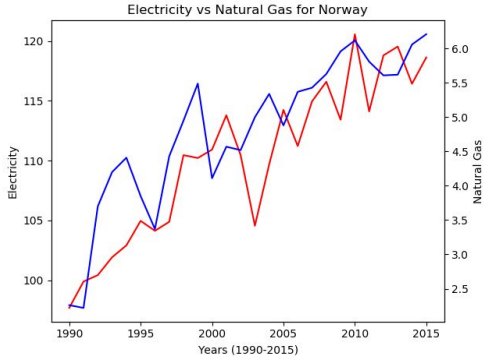

Electricity vs Natural Gas for Argentina
Electricity
Natural Gas
Years (1990-2015)

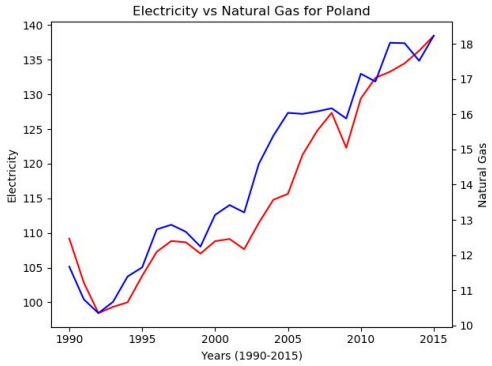

Electricity vs Natural Gas for Brazil
Electricity
Natural Gas
Years (1990-2015)

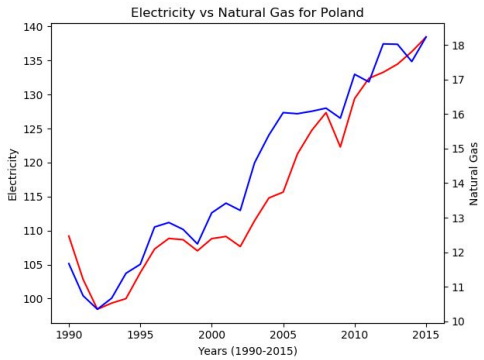

Electricity vs Natural Gas for Netherlands
Electricity
Natural Gas
Years (1990-2015)

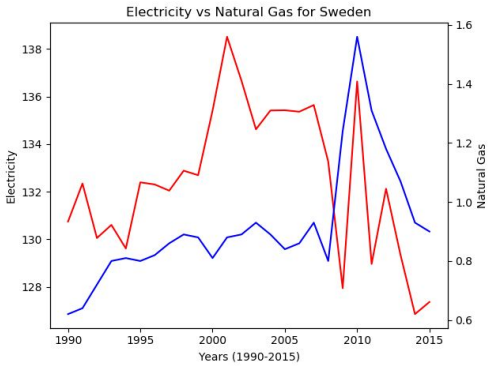

Electricity vs Natural Gas for Germany
Electricity
Natural Gas
Years (1990-2015)

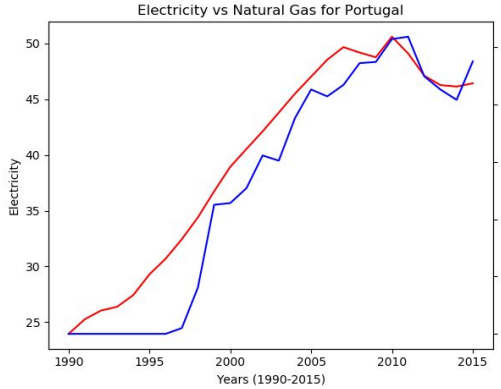

Electricity vs Natural Gas for Romania
Electricity
Natural Gas
Years (1990-2015)

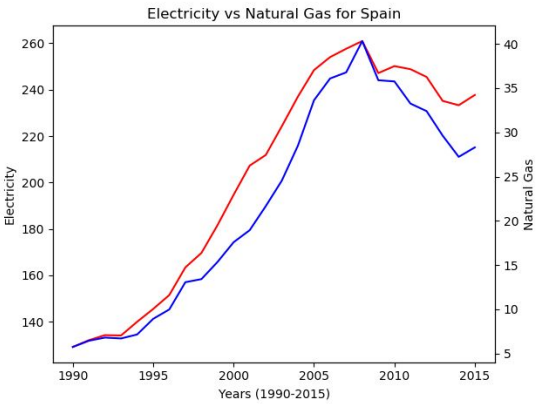

Electricity vs Natural Gas for Norway
Electricity
Natural Gas
Years (1990-2015)

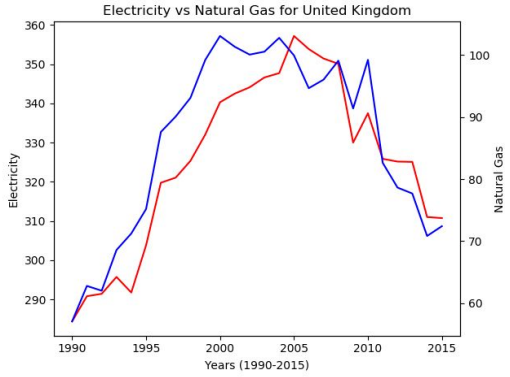

Electricity vs Natural Gas for Poland
Electricity
Natural Gas
Years (1990-2015)

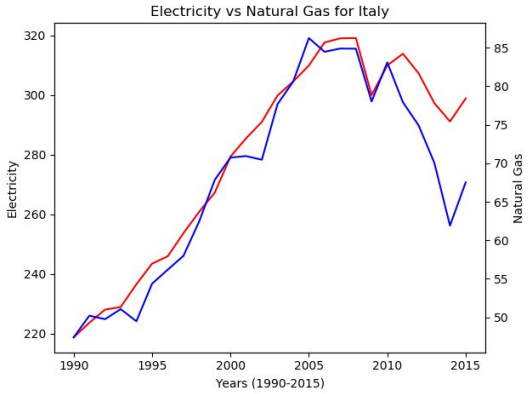

Electricity vs Natural Gas for Poland
Electricity
Natural Gas
Years (1990-2015)

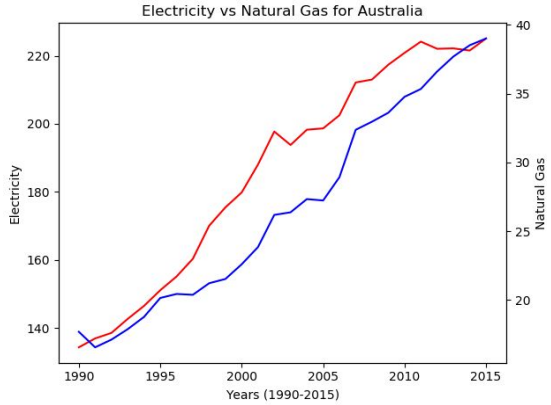

Electricity vs Natural Gas for Sweden
Electricity
Natural Gas
Years (1990-2015)

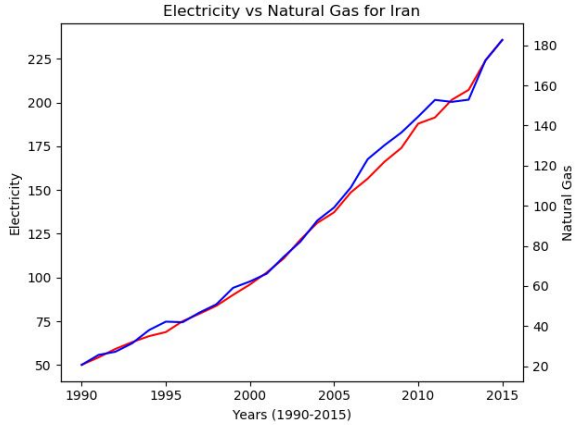

Electricity vs Natural Gas for Portugal
Electricity
Natural Gas
Years (1990-2015)

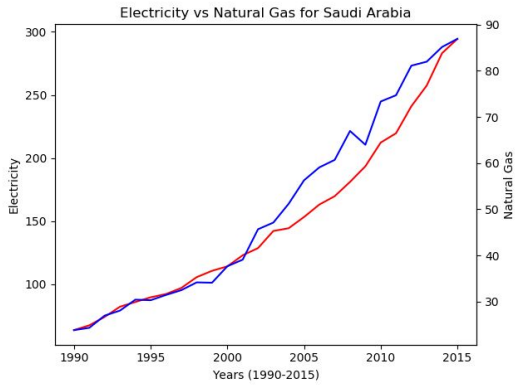

Electricity vs Natural Gas for Spain
Electricity
Natural Gas
Years (1990-2015)

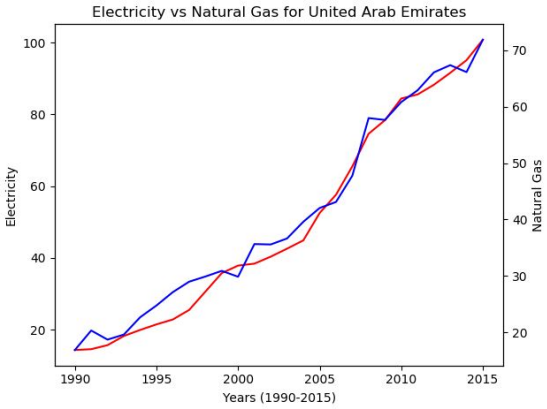

Electricity vs Natural Gas for United Kingdom
Electricity
Natural Gas
Years (1990-2015)

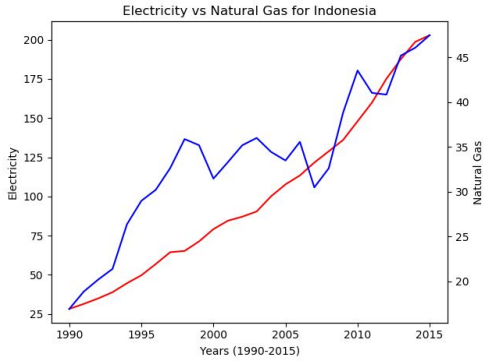

Electricity vs Natural Gas for Italy
Electricity
Natural Gas
Years (1990-2015)

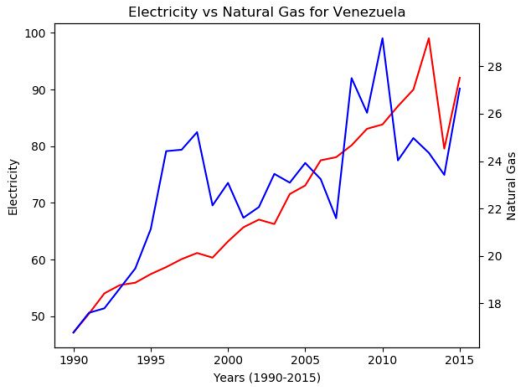

Electricity vs Natural Gas for Australia
Electricity
Natural Gas
Years (1990-2015)

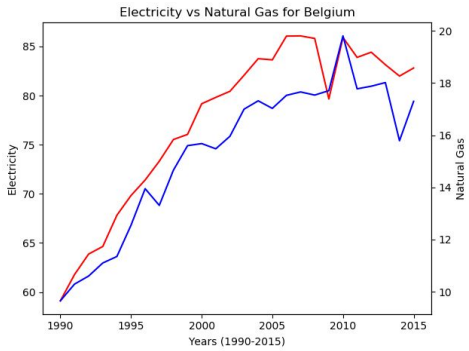

Electricity vs Natural Gas for Iran
Electricity
Natural Gas
Years (1990-2015)

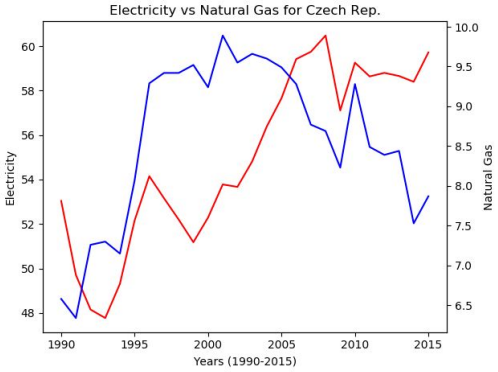

Electricity vs Natural Gas for Saudi Arabia
Electricity
Natural Gas
Years (1990-2015)

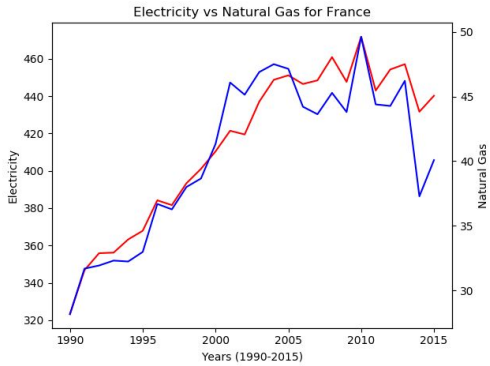

Electricity vs Natural Gas for United Arab Emirates
Electricity
Natural Gas
Years (1990-2015)

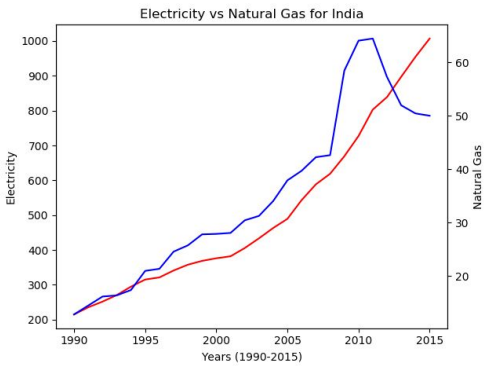

Electricity vs Natural Gas for Indonesia
Electricity
Natural Gas
Years (1990-2015)

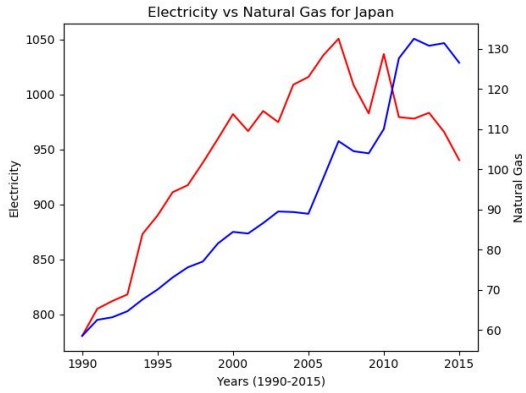

Electricity vs Natural Gas for Venezuela
Electricity
Natural Gas
Years (1990-2015)

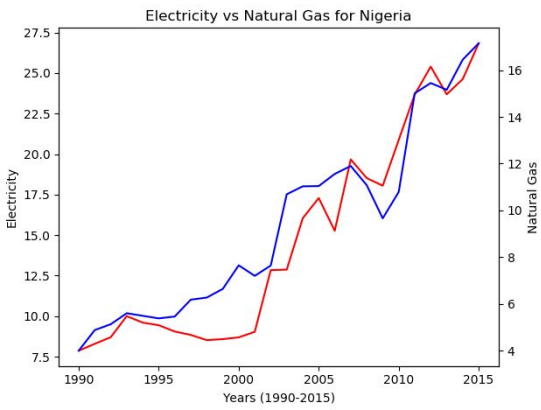

Electricity vs Natural Gas for Belgium
Electricity
Natural Gas
Years (1990-2015)

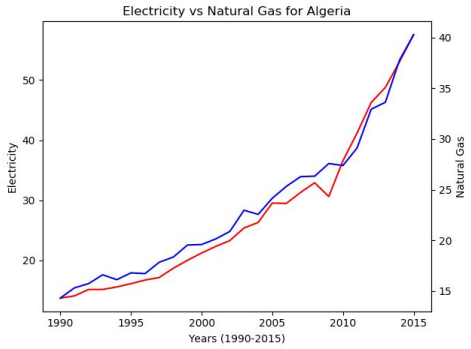

Electricity vs Natural Gas for Czech Rep.
Electricity
Natural Gas
Years (1990-2015)

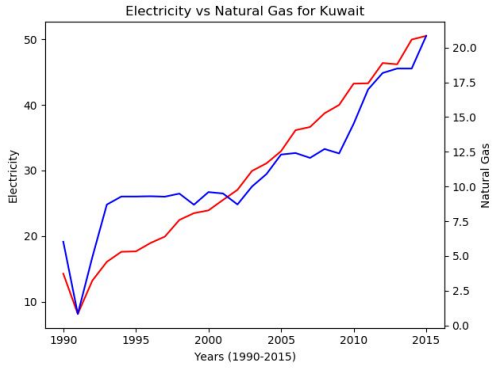

Electricity vs Natural Gas for France
Electricity
Natural Gas
Years (1990-2015)

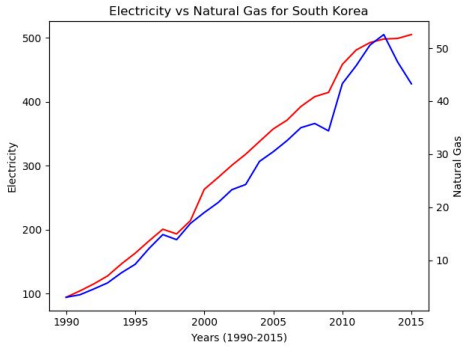

Electricity vs Natural Gas for India
Electricity
Natural Gas
Years (1990-2015)

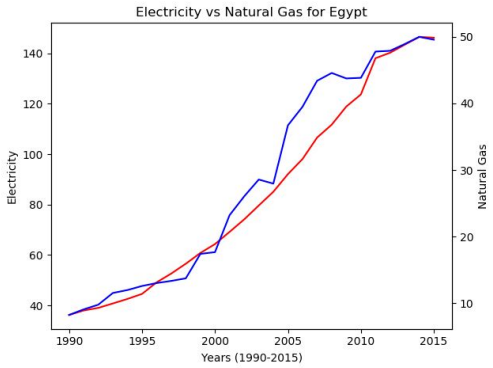

Electricity vs Natural Gas for Japan
Electricity
Natural Gas
Years (1990-2015)

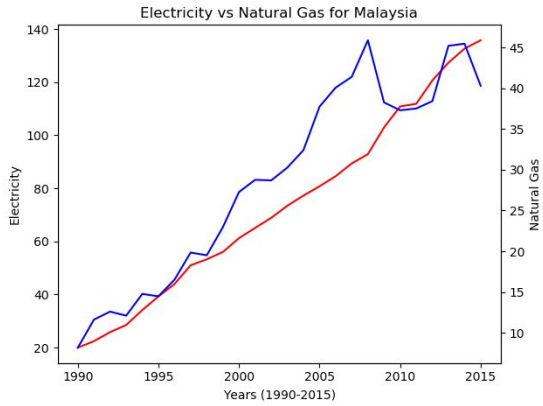

Electricity vs Natural Gas for Nigeria
Electricity
Natural Gas
Years (1990-2015)

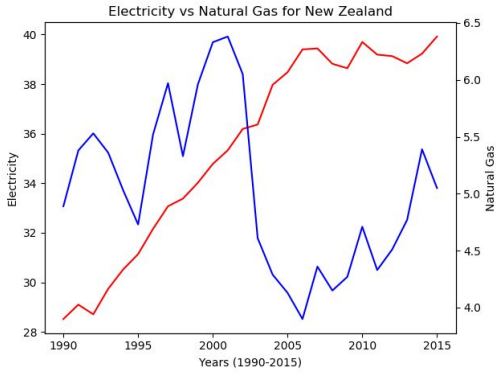

Electricity vs Natural Gas for Algeria
Electricity
Natural Gas
Years (1990-2015)

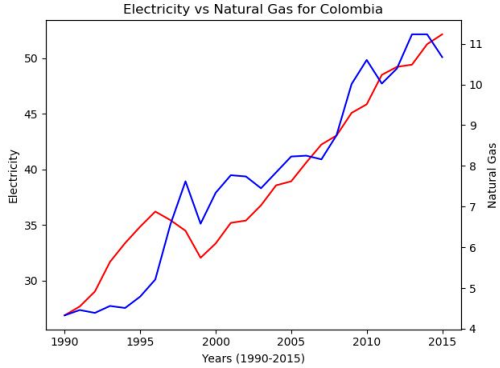

Electricity vs Natural Gas for Kuwait
Electricity
Natural Gas
Years (1990-2015)

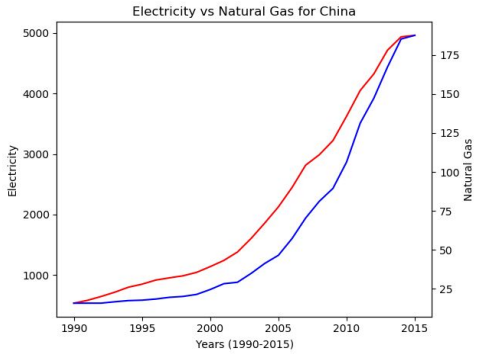

Electricity vs Natural Gas for South Korea
Electricity
Natural Gas
Years (1990-2015)

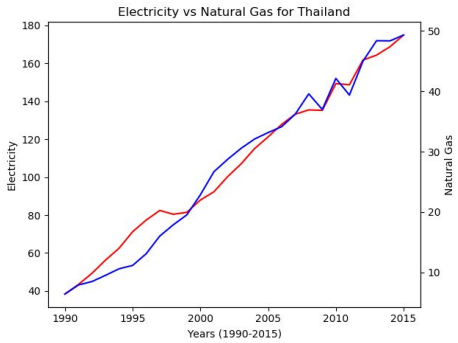

Electricity vs Natural Gas for Egypt
Electricity
Natural Gas
Years (1990-2015)

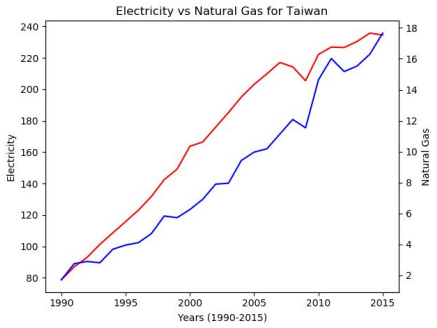

Electricity vs Natural Gas for Malaysia
Electricity
Natural Gas
Years (1990-2015)

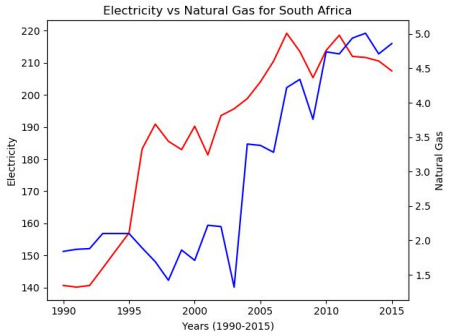

Electricity vs Natural Gas for New Zealand
Electricity
Natural Gas
Years (1990-2015)


Electricity vs Natural Gas for Colombia
Electricity
Natural Gas
Years (1990-2015)

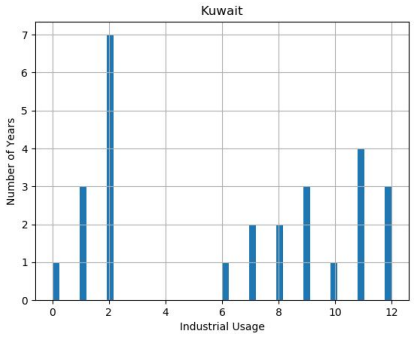

Electricity vs Natural Gas for China
Electricity
Natural Gas
Years (1990-2015)

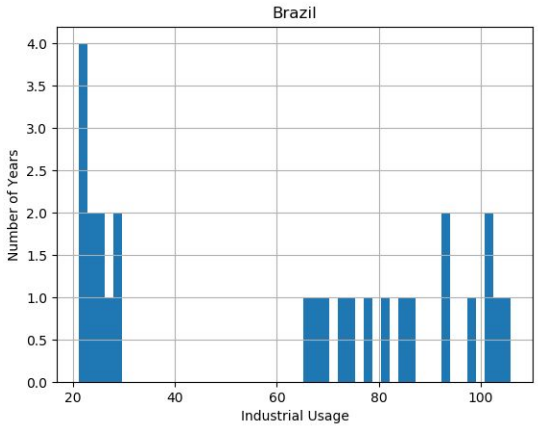


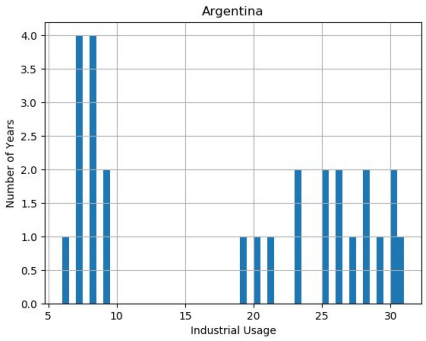


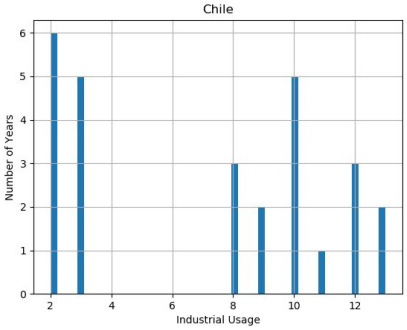


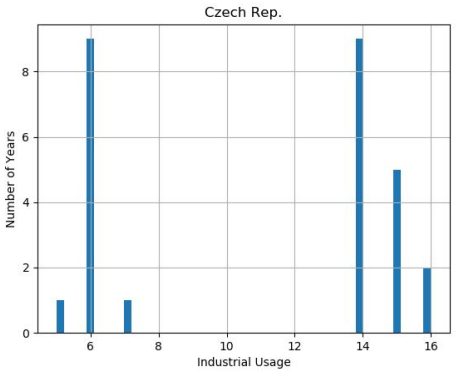
Industrial Usage for each country in terms of years:

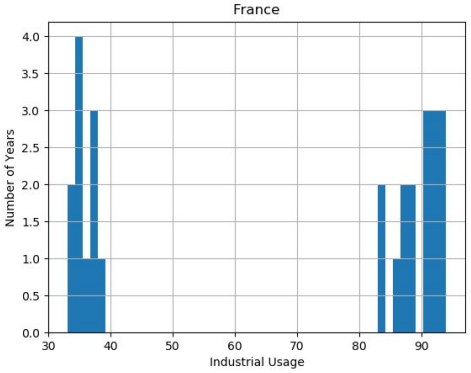


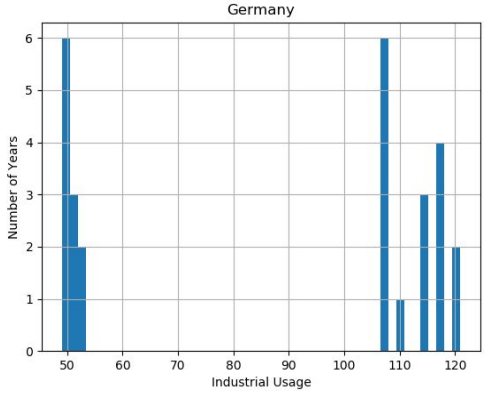


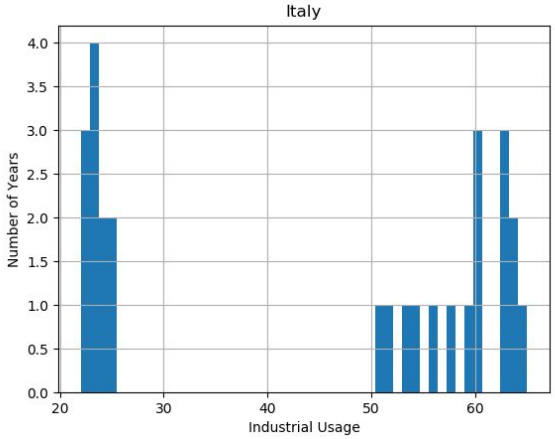


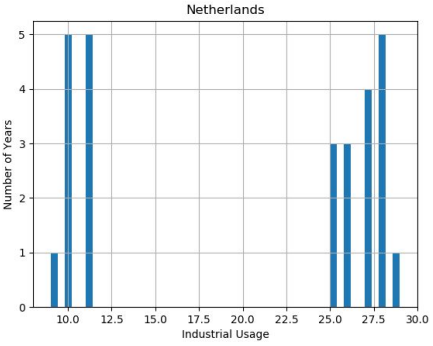


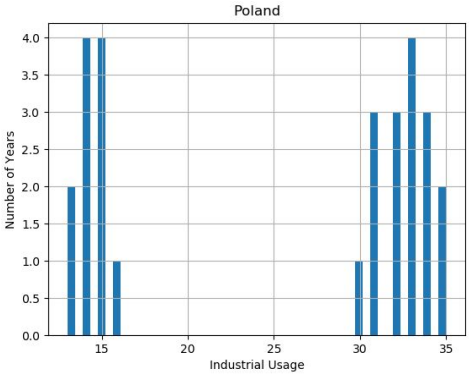

Czech Rep.
Number of Years
Industrial Usage

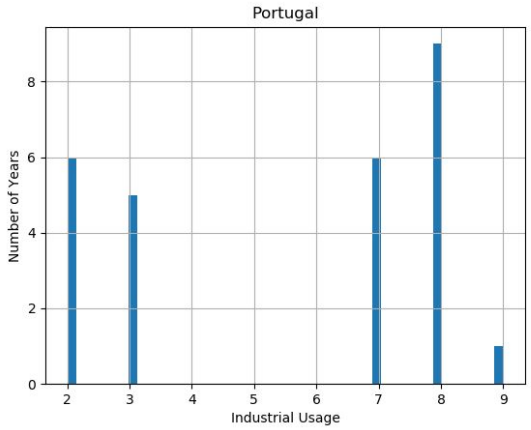

France
Number of Years
Industrial Usage

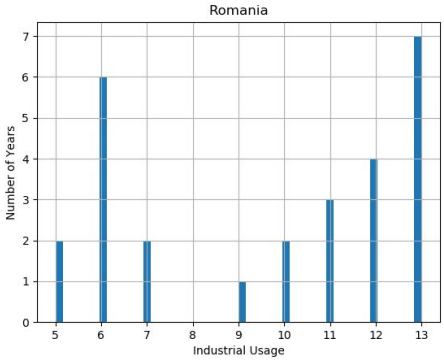

Germany
Number of Years
Industrial Usage

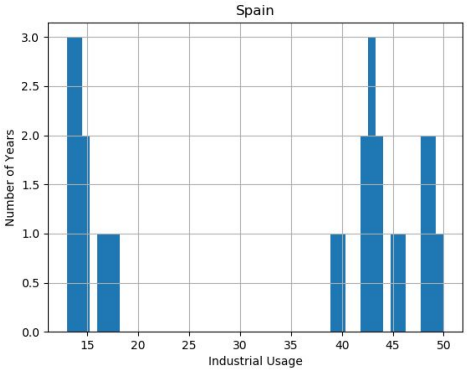

Italy
Number of Years
Industrial Usage

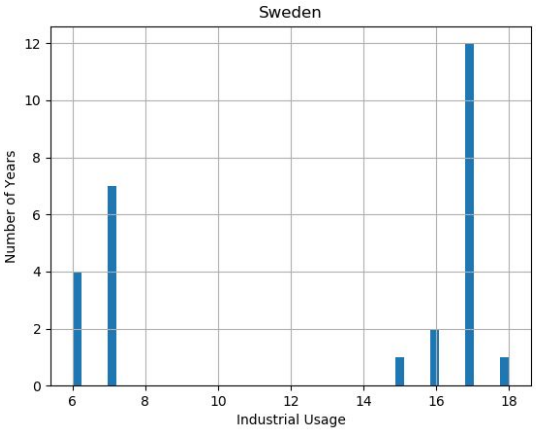

Netherlands
Number of Years
Industrial Usage

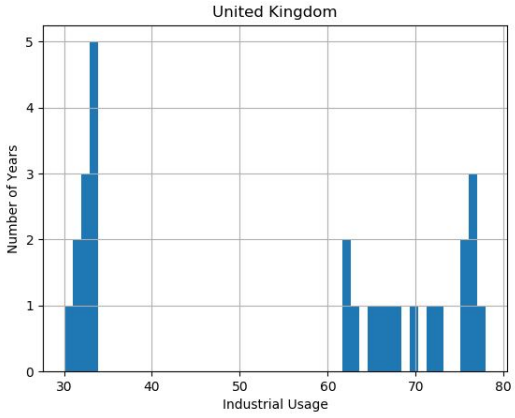

Poland
Number of Years
Industrial Usage

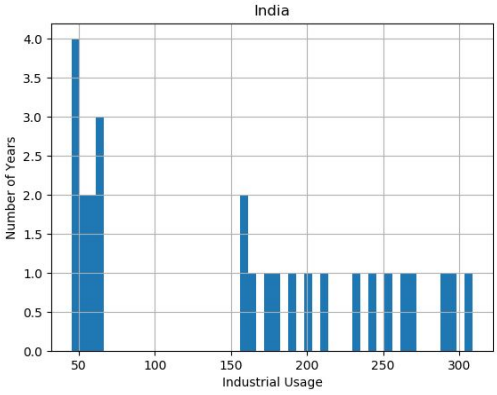

Portugal
Number of Years
Industrial Usage

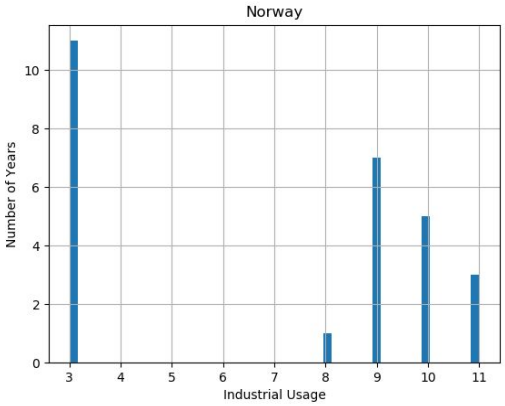

Romania
Number of Years
Industrial Usage

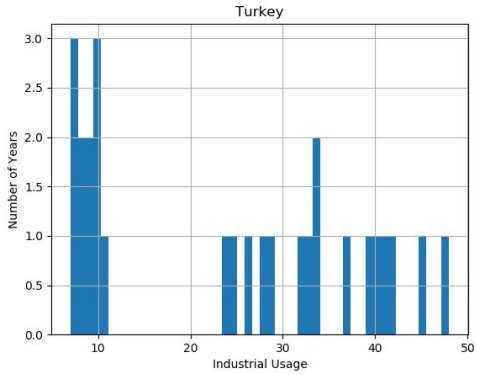

Spain
Number of Years
Industrial Usage

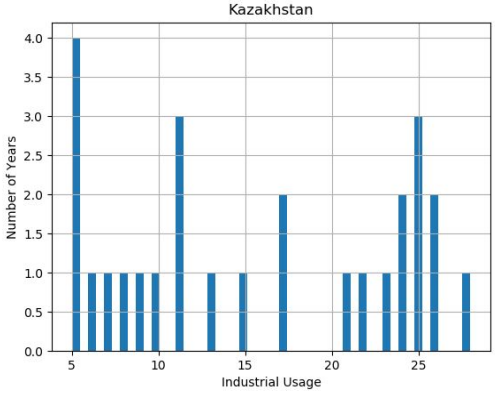

Sweden
Number of Years
Industrial Usage

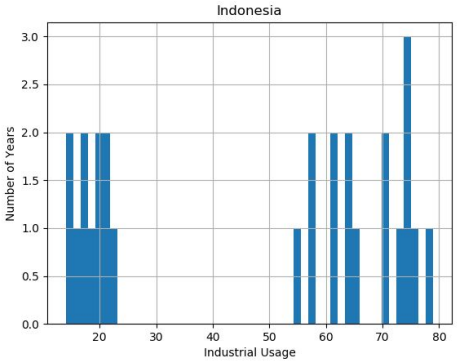

United Kingdom
Number of Years
Industrial Usage

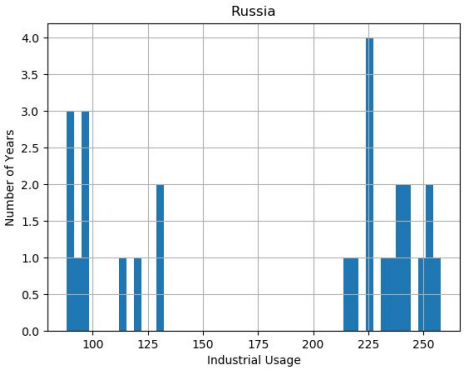

India
Number of Years
Industrial Usage

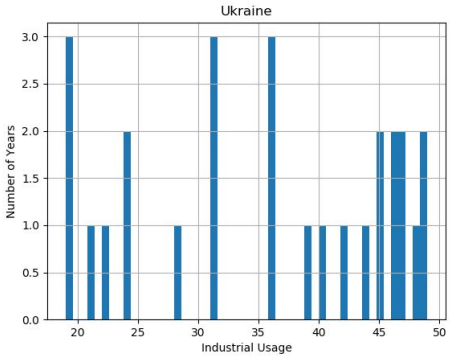

Norway
Number of Years
Industrial Usage

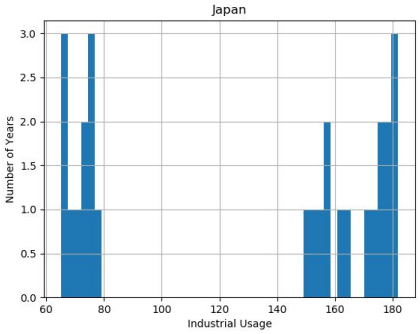

Turkey
Number of Years
Industrial Usage

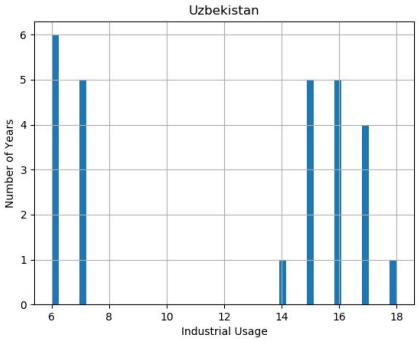

Kazakhstan
Number of Years
Industrial Usage

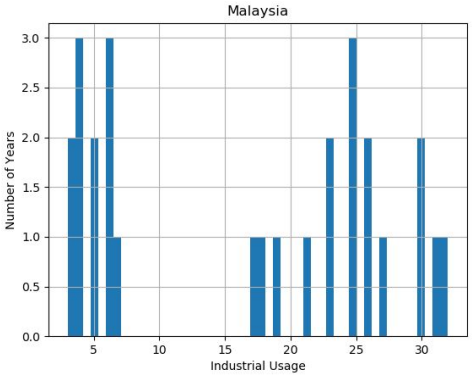

Indonesia
Number of Years
Industrial Usage

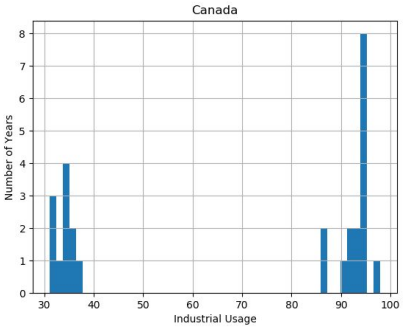

Russia
Number of Years
Industrial Usage

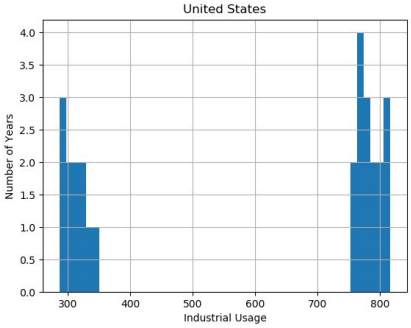

Ukraine
Number of Years
Industrial Usage

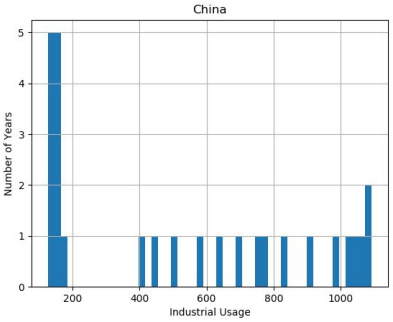

Japan
Number of Years
Industrial Usage

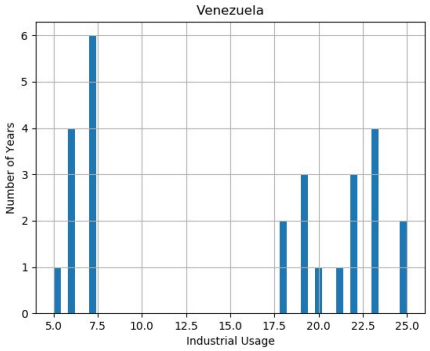

Uzbekistan
Number of Years
Industrial Usage

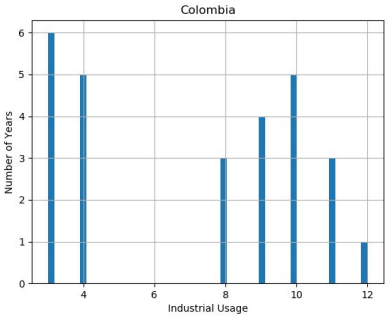

Malaysia
Number of Years
Industrial Usage

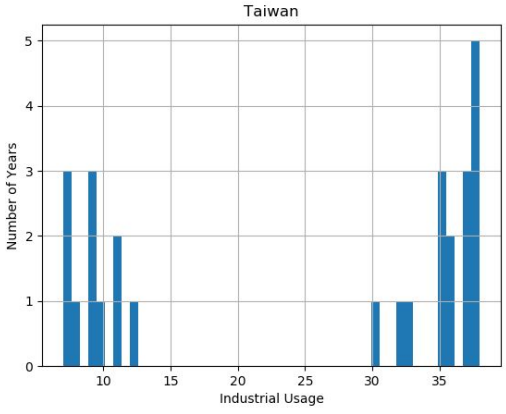

Canada
Number of Years
Industrial Usage

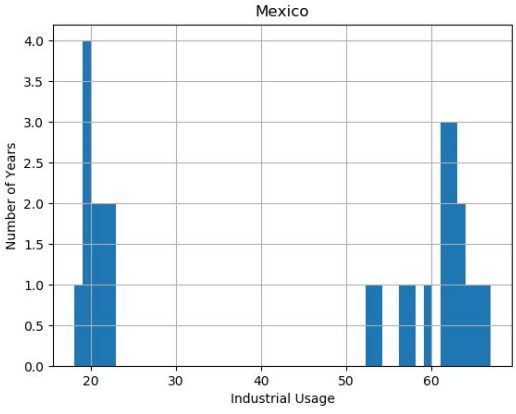

United States
Number of Years
Industrial Usage

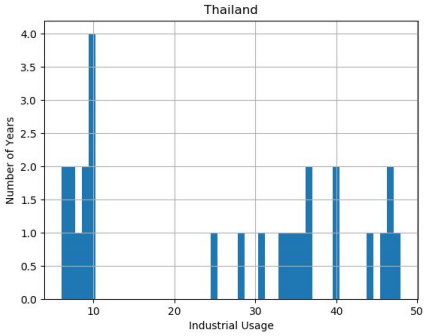

China
Number of Years
Industrial Usage

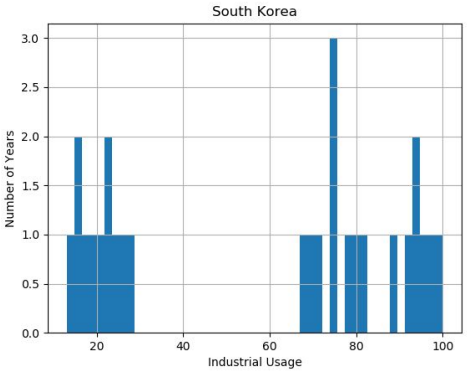

Venezuela
Number of Years
Industrial Usage

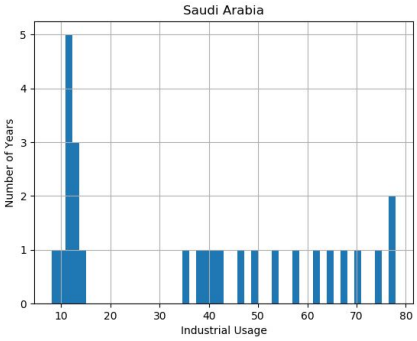

Colombia
Number of Years
Industrial Usage

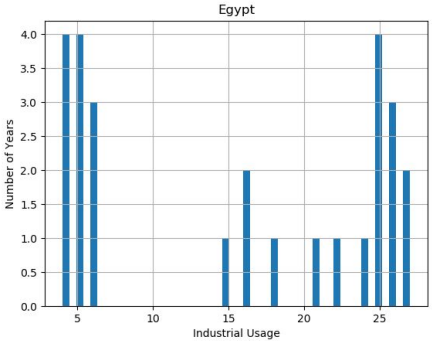

Taiwan
Number of Years
Industrial Usage

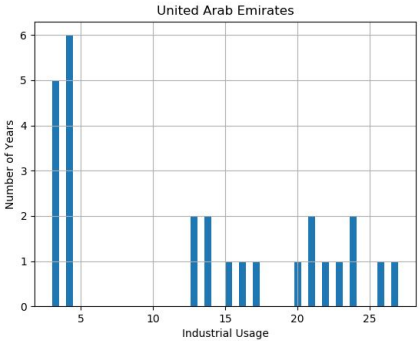

Mexico
Number of Years
Industrial Usage

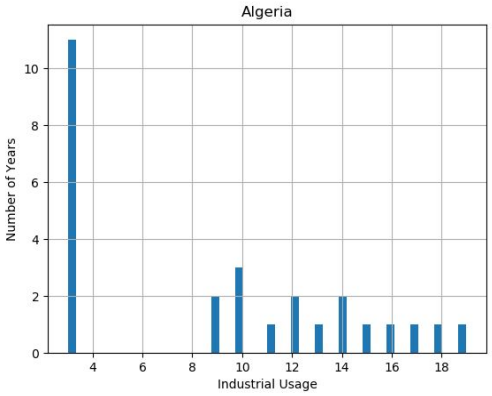

Thailand
Number of Years
Industrial Usage

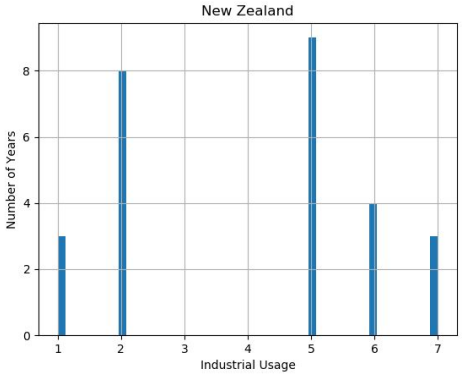

South Korea
Number of Years
Industrial Usage

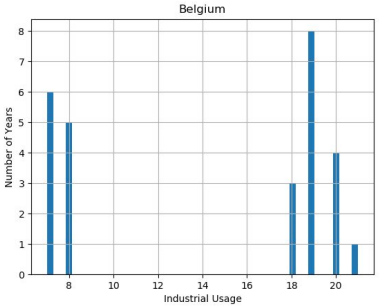

Saudi Arabia
Number of Years
Industrial Usage

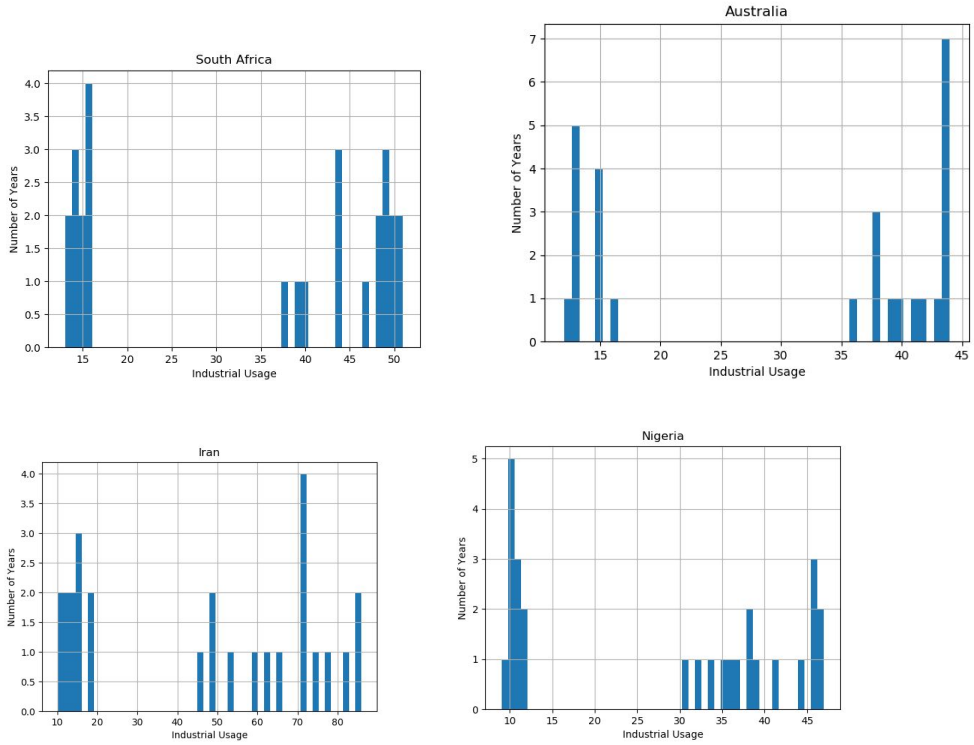

Egypt
Number of Years
Industrial Usage


United Arab Emirates
Number of Years
Industrial Usage

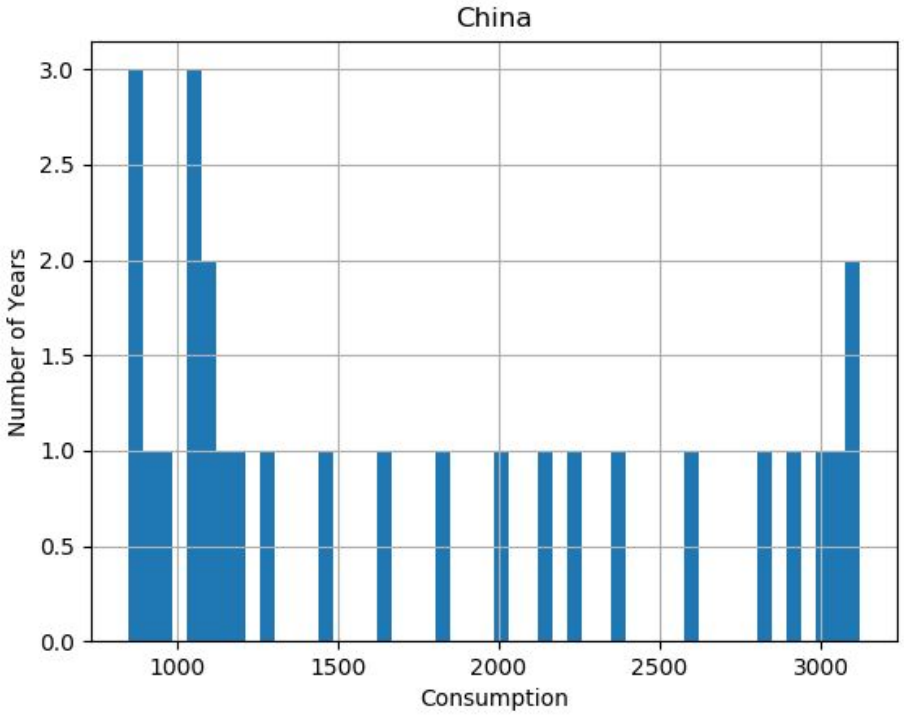

Algeria
Number of Years
Industrial Usage


New Zealand
Number of Years
Industrial Usage

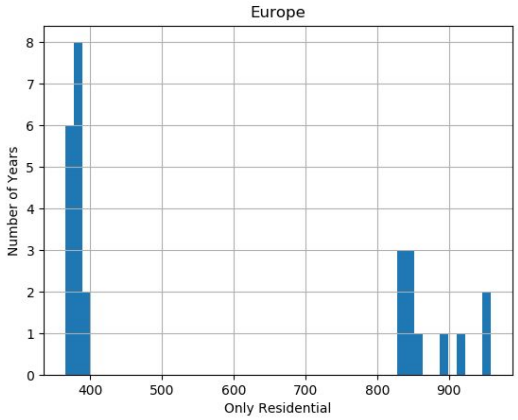

Belgium
Number of Years
Industrial Usage

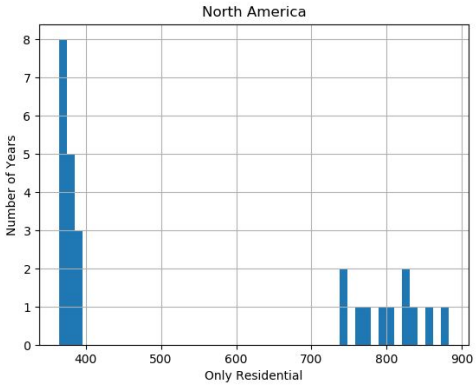


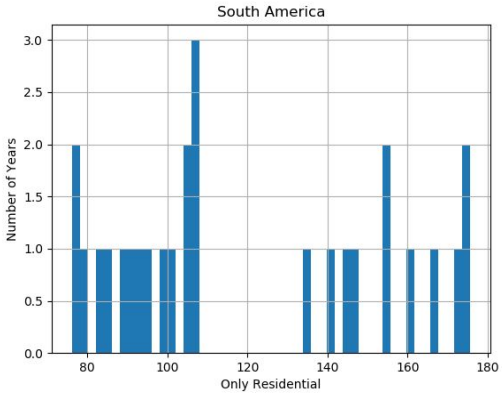
Consumption for China from Consumers:

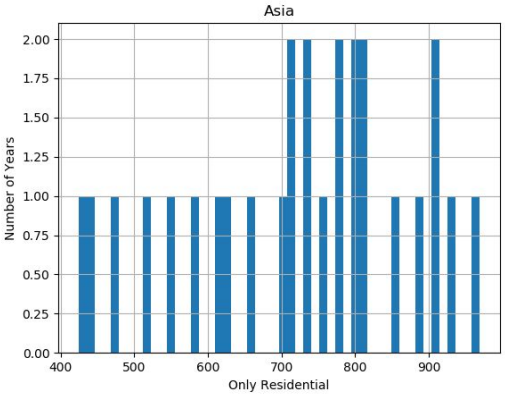


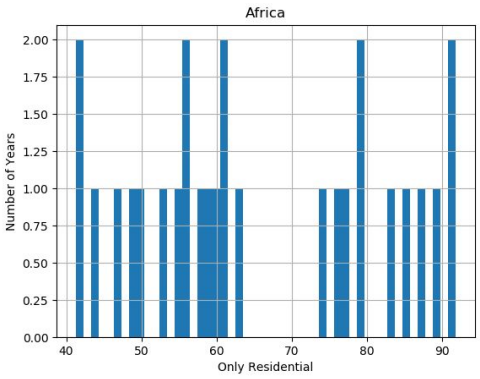
Continents for Only Residential Usage:

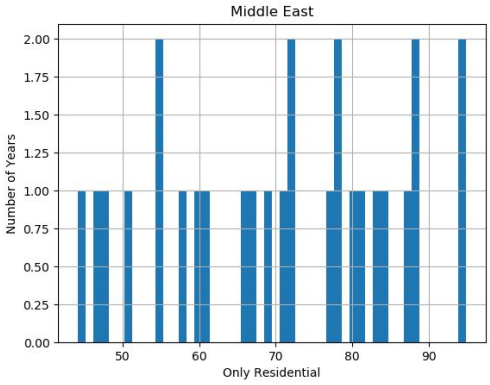

Europe
Number of Years
Only Residential


North America
Number of Years
Only Residential

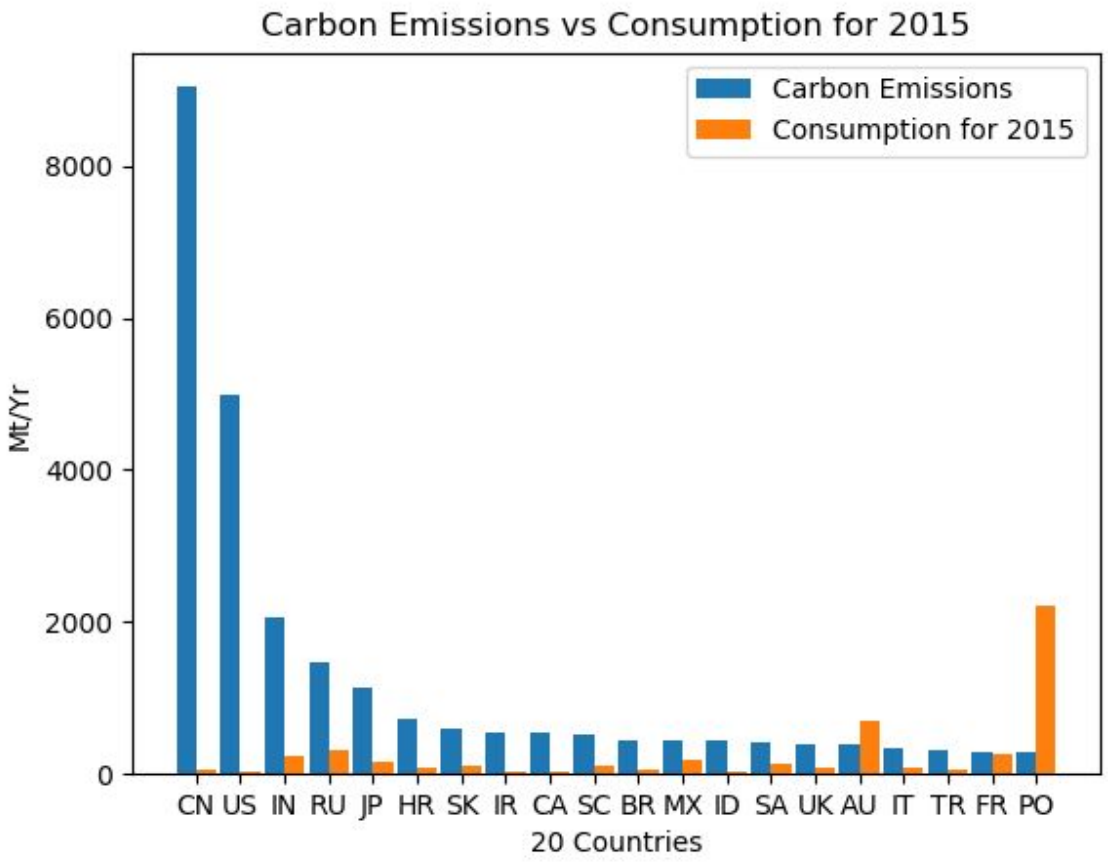

South America
Number of Years
Only Residential


Asia
Number of Years
Only Residential


Africa
Number of Years
Only Residential


Middle East
Number of Years
Only Residential

Country Carbon Emission vs Consumption in year 2015:



Sources:
https://www.ucsusa.org/global-warming/science-and-impacts/science/each-countrys-share-of-co2.html#.XAq4JmhKg2y