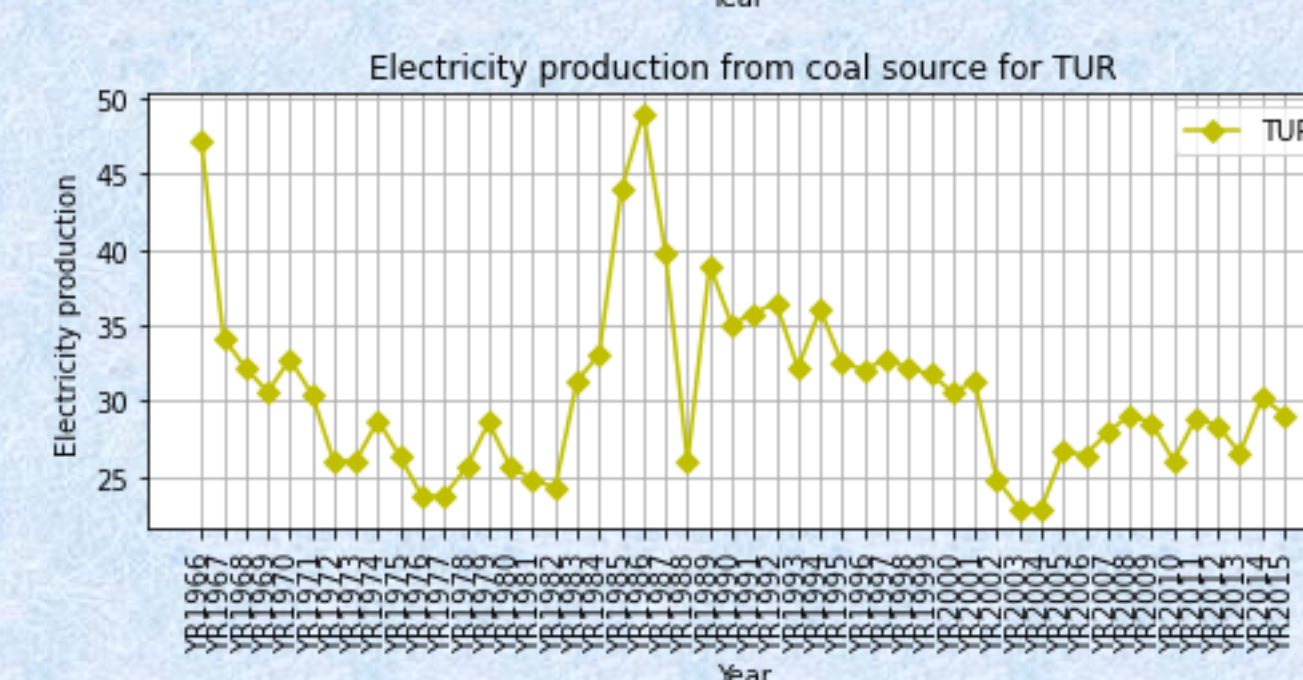
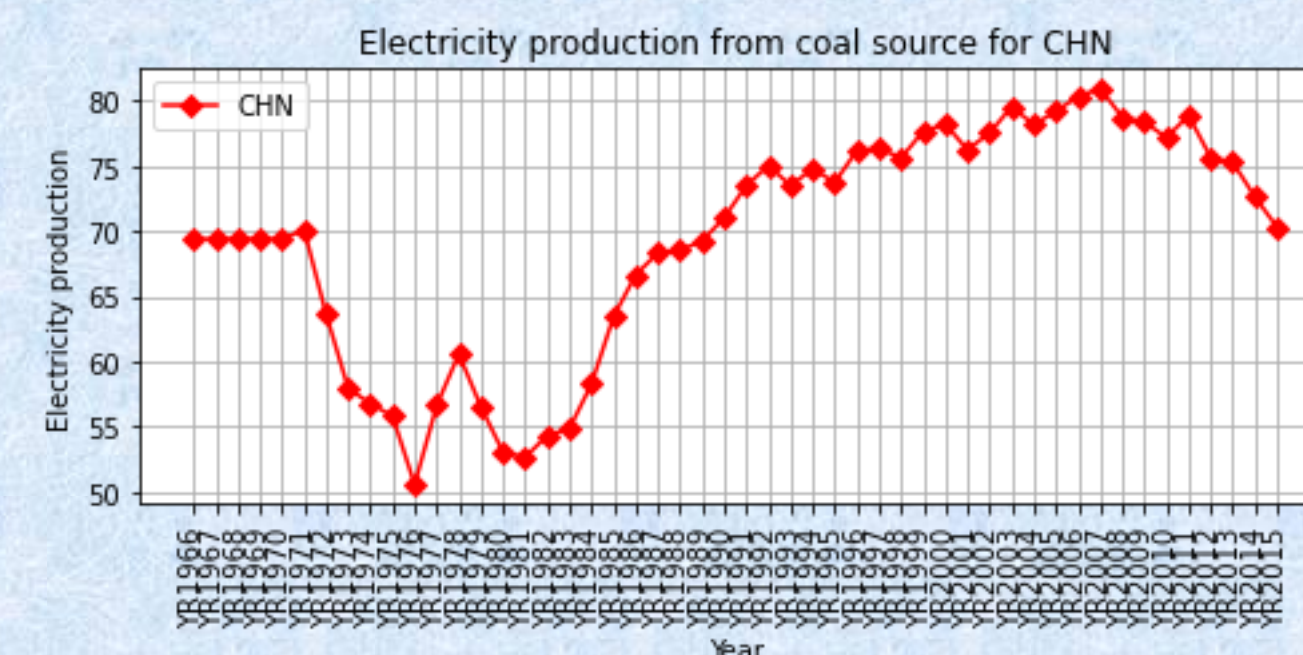
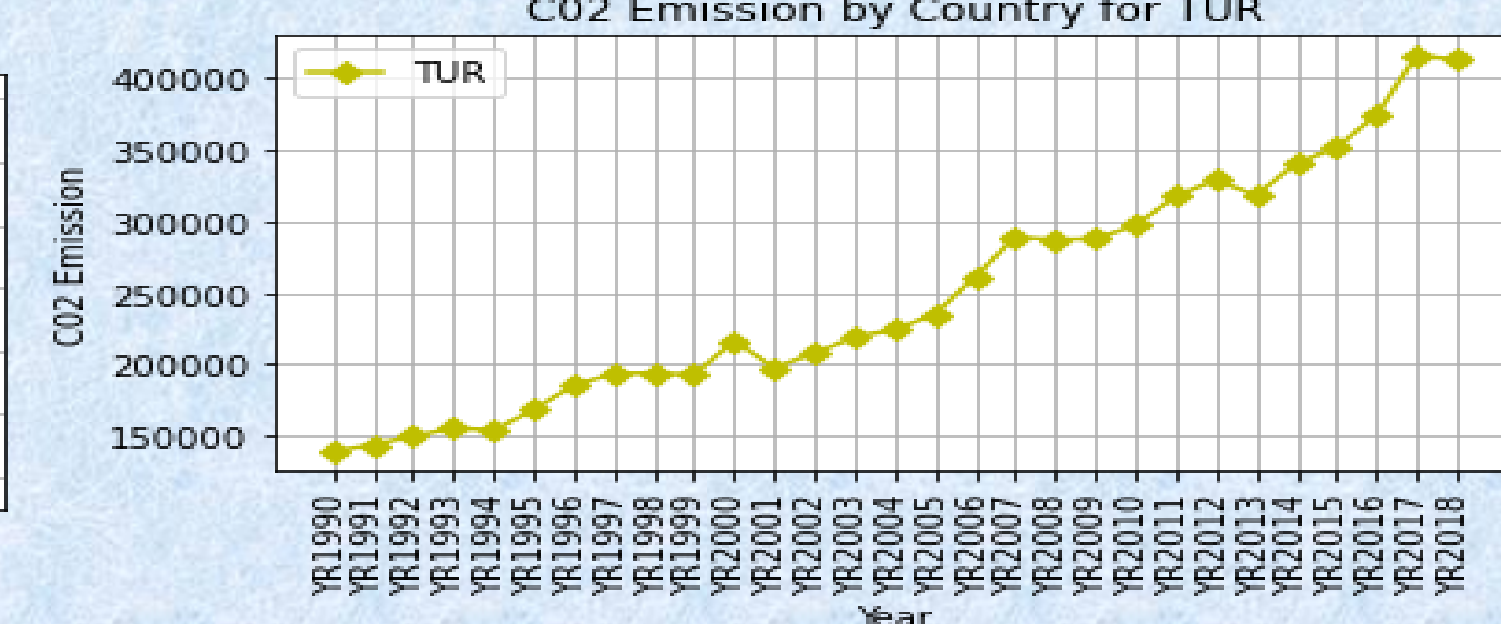
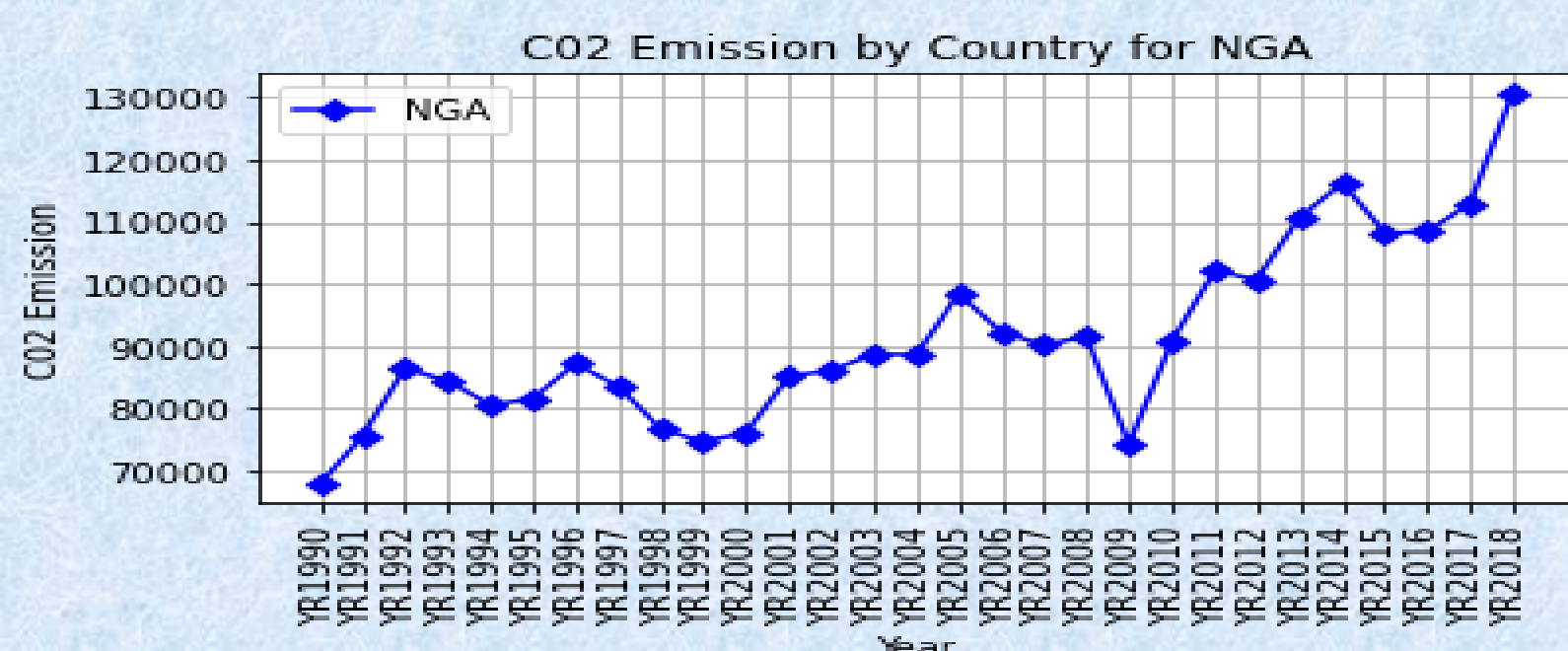
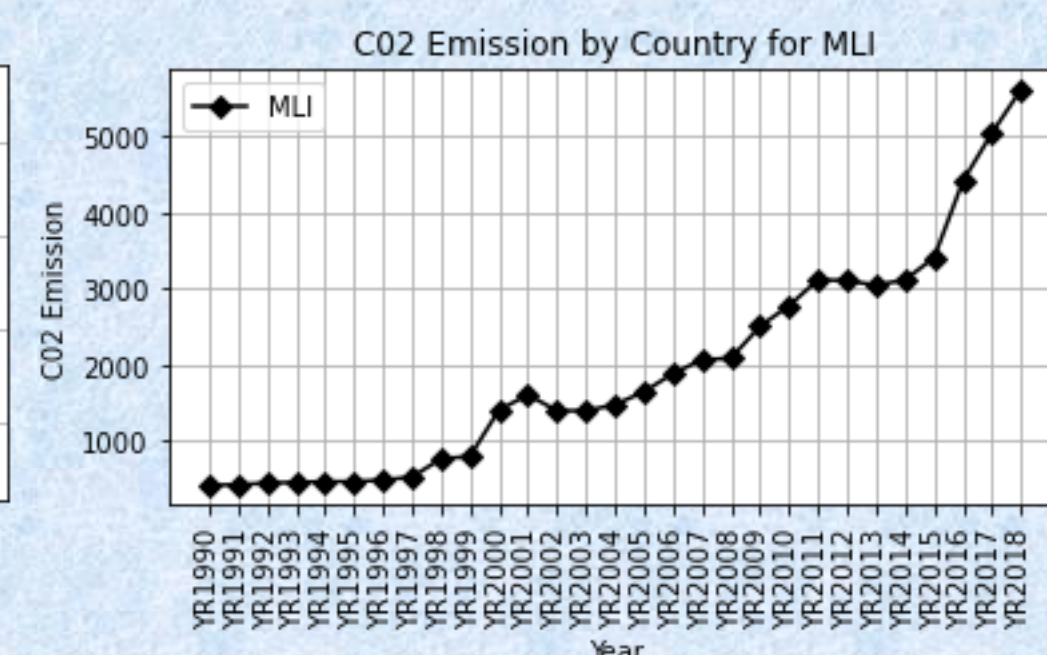
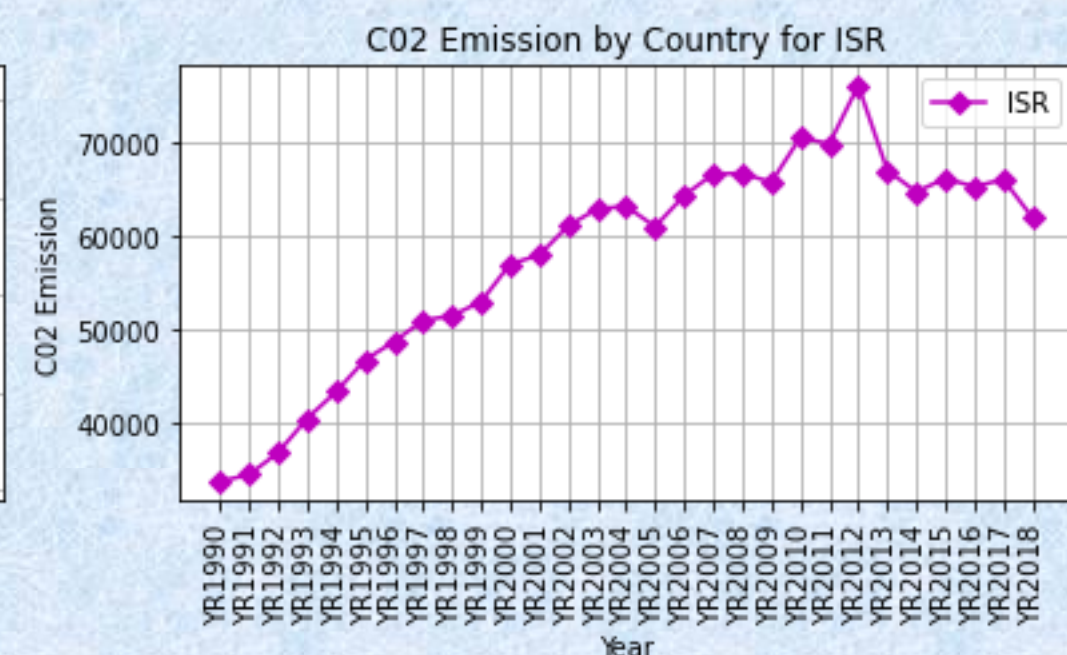
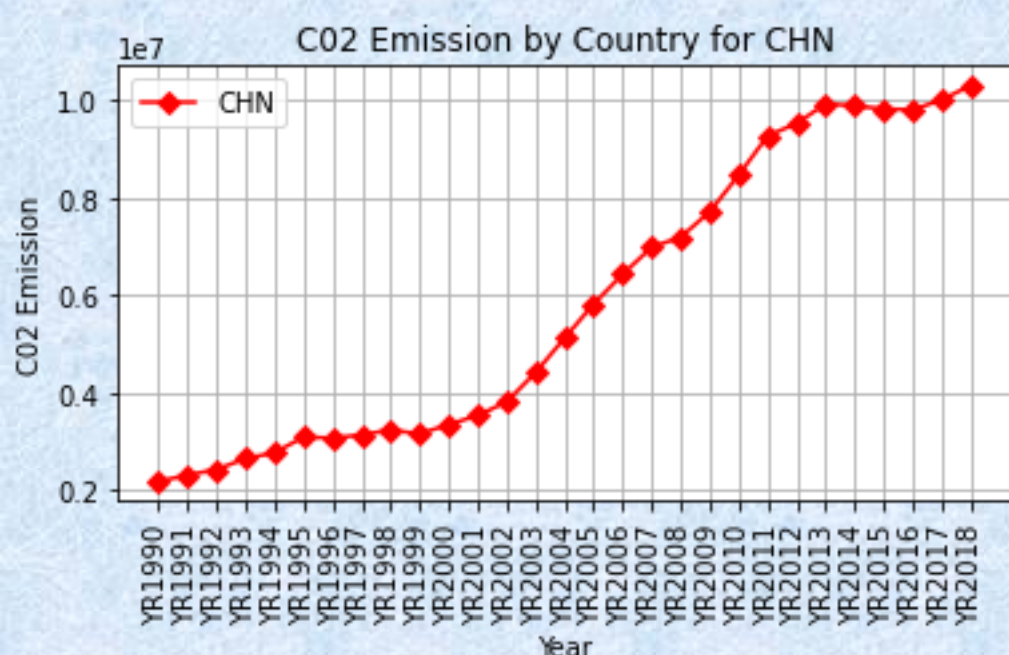


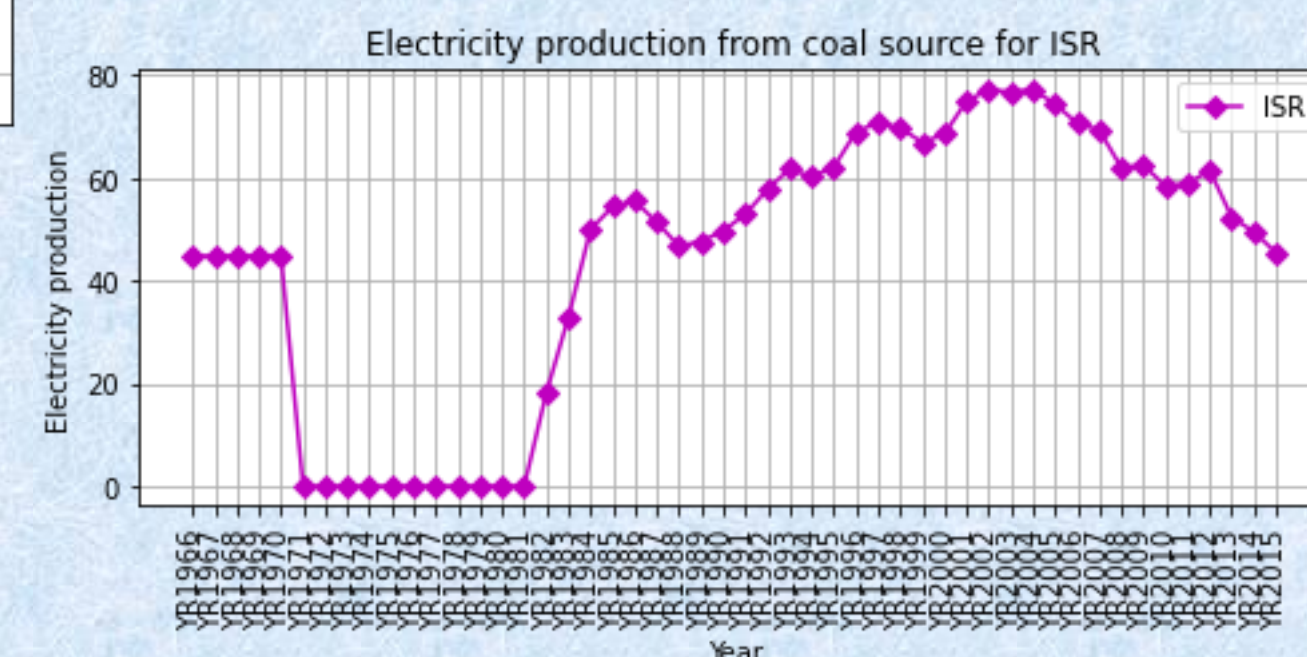
CO2 Emission by Electricity Production

Introduction

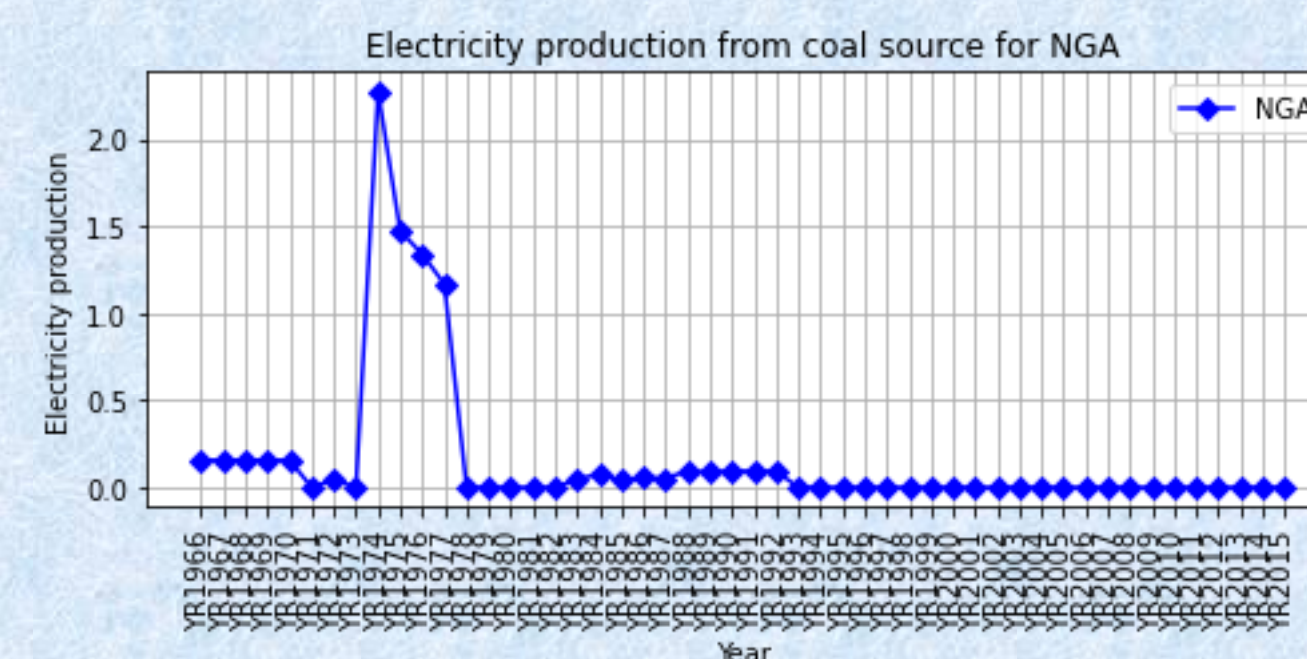
Electricity is one of the important component for a nations that is essentially required in all the places. Based on the availability of resources, the electricity is produced either using water energy or coal energy. In the context of electricity production, if it will be produced through coal burning, the CO2 is emitted in the atmosphere that makes the environment toxic. So, it will not be good fro health but cannot be avoided as electricity is essential and for this CO2 will be emitted. The data has been taken fro both of the cases from World bank for five countries and the analyses have been done.



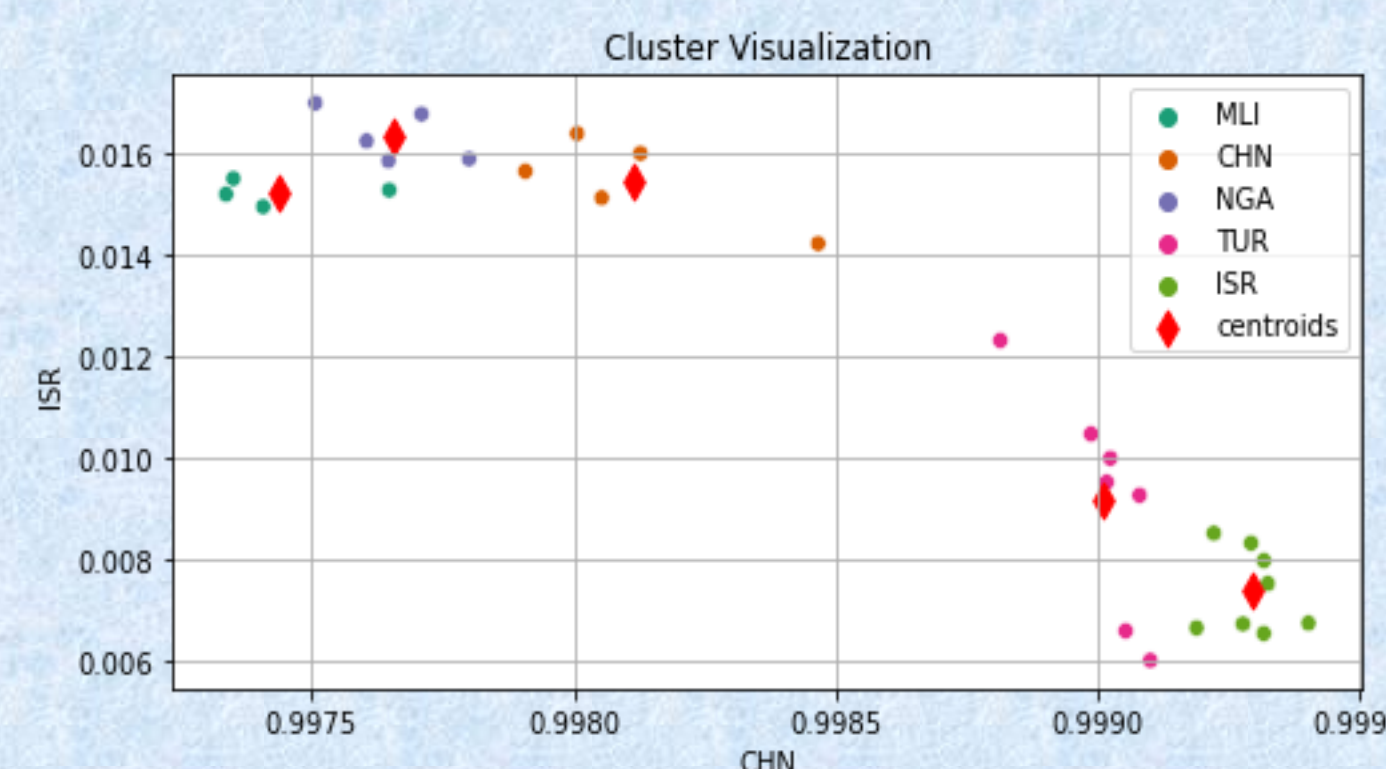
The analysis is showing that the production of electricity is growing by years for china but the growth has been interrupted at 2007 and for Turkey, the growth has been interrupted at 2002.



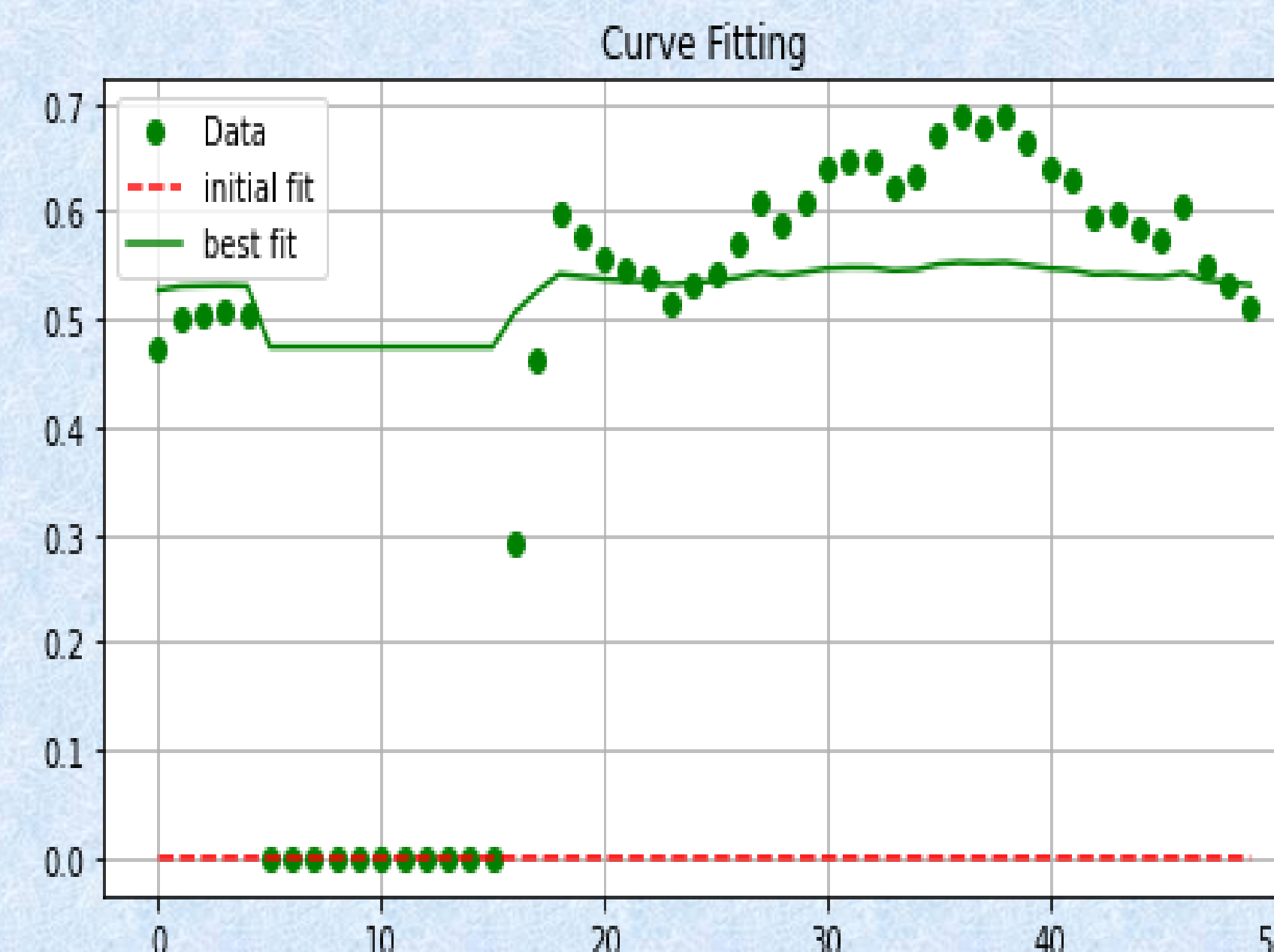
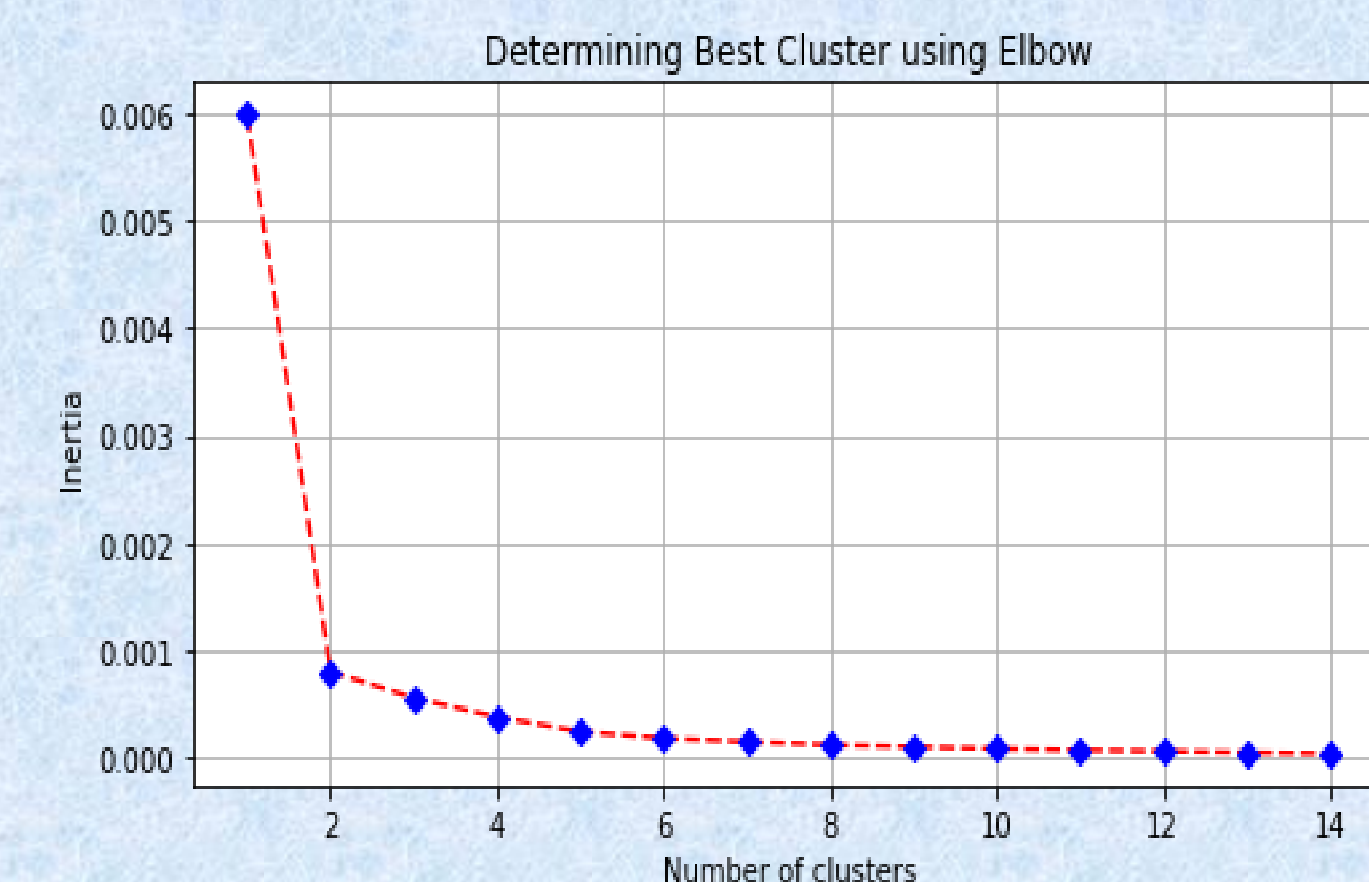
The analysis is showing that the production of electricity is growing by years for Israel but the growth has been interrupted at 2001 and for Nigeria, the growth has been interrupted at 1997.



The analysis of the co2 emission by countries is showing that the emission is growing for all of the countries from the for the last 50 years. However the quantity is higher for China and least for Mali.



The selected countries have been categories based on the CO2 emission and it has been found that China and Nigeria are capturing the top positions for the emission of CO2



The prediction of electricity production has been done using curve fitting with the error range of (1,5) and it has bene seen that data has bene fitted properly with 50 data instances