**Week 5 Assignment**

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**Course: ALY6070 Communication and Visualization for data analysis**

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**By:**

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**Introduction:**

Visualized graphs help intended audience understand the message and insights faster. It is a good way to present data analysis in effective way. We have used R shiny to visualize the data and to draw the conclusions and insights from the data.

**Data:**

I used country wise oil, coal, natural gas related data which has 4 years of consumption\production data. This data also included CO2 emissions rate over the years from 2010 to 2014

**R Shiny Visualizations Output:**

1. The graph showing CO2 Emissions details by Region, Country and year.

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1. CO2 emission yearly trend fort Afghanistan

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1. Top 10 Co2 emissions countries in Asia in year 2010

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**Conclusion:**

This assignment we demonstrated how we can use R shiny to create visualizations. We played all types of errors in R and on Mac and learnt how to deal with them while using shiny package in R studio. With dashboard, we can convey our message effectively with proofs shows in various visualizations.