



Machine Learning Unsupervised Learning - 2  
Group Project Proposal

# Global Energy Profile Analysis

*[Identification of anomalous patterns]*

## Group – 2

Name	PG-ID
Abhijit Balaji	12310011
Charu Dube	12310071
Sruti Jaitane	12310006
Sumit Mujumdar	12310018



### Problem Statement:

With the furore over global warming and climate change increasing in the world, it has become critical to conduct a thorough analysis of the global energy landscape by understanding and visualizing the complex interplay between various energy metrics, GDP, and CO2 emissions across countries, and simultaneously identifying and investigating anomalous patterns in energy usage and production. This project aims to provide a holistic understanding of the global energy profile, offering actionable insights for policymakers and stakeholders.

### Data Source:

The World Bank – World Development Indicators  
(<https://wdi.worldbank.org/table>)

### High Level Overview:

