

# **World bank data exploration**

## **Dataset utilized in this assignment:**

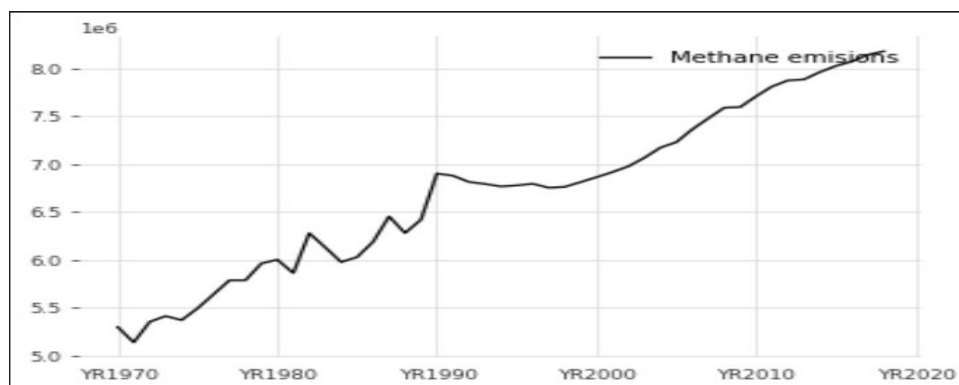
A global bank provided the data for this project. Specifically, to battle global climate change. The data was gathered from the following websites:

<https://data.worldbank.org/topic/>

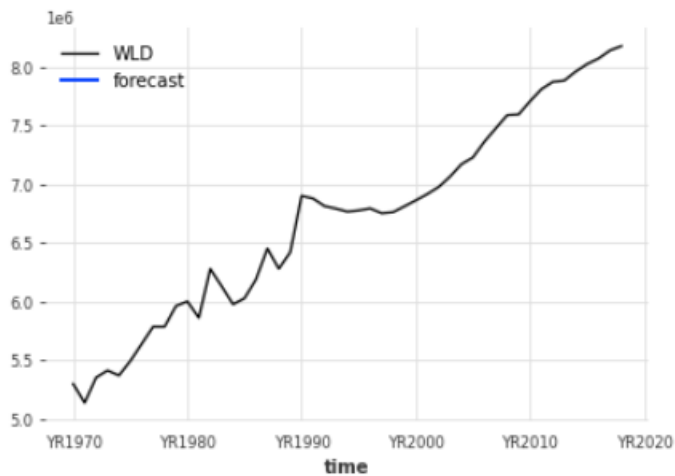
It's worth noting that the information on this page only represents a small percentage of the information available in the World Bank's DataBank, which contains detailed time series analysis. The DataBank provides advanced features for selecting and modifying datasets, conducting custom studies and data downloads, and generating charts and other graphical representations of the data.

## **Storytelling of visualization of the data chosen**

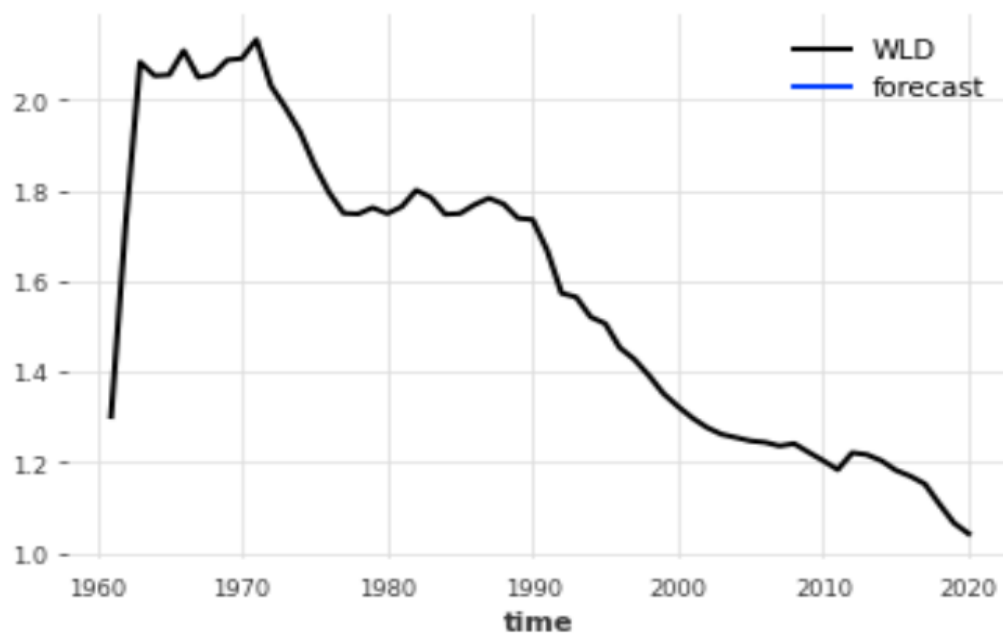
The methane gas emissions are visualised in this image. Methane is the primary source of ground-level ozone, a harmful air pollutant and greenhouse gas that kills one million people tragically each year. The following is a graph of emission growth for the same:



: <matplotlib.legend.Legend at 0x7f6587b101c0>



The emissions of methane gas are also depicted. Ground-level ozone, a dangerous air contaminant and greenhouse gas that ends up killing one million people prematurely each year, is primarily caused by methane. The following graph depicts the rise of emissions forecasting:



When methane is released into the atmosphere, it reacts in a number of dangerous ways. For one thing, methane is predominantly removed from the atmosphere via oxidation, which results in the formation of water vapour and carbon dioxide. As a result, not only does methane directly contribute to global warming, but it also indirectly contributes to global warming through the emission of carbon dioxide.