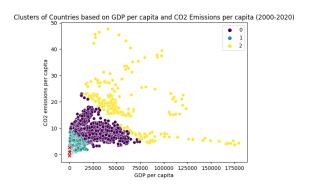
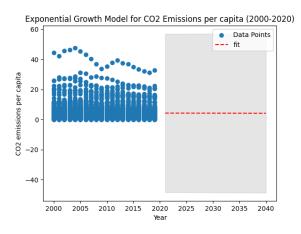
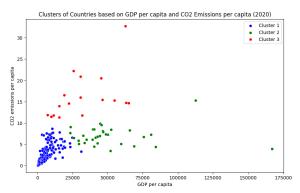
- https://github.com/saqibsaddique355 /Clustering-Assignment.git
- https://data.worldbank.org/indicator/ EN.ATM.CO2E.PC
- https://data.worldbank.org/indicator/ NY.GDP.PCAP.CD



Graph is a scatter plot that shows the clustering of countries based on their GDP per capita and CO2 emissions per capita over the period from 2000 to 2020. The colors represent the clusters obtained using the KMeans algorithm



The second graph shows the trend of CO2 emissions per capita over time for all countries from 2000 to 2020. It includes a fitted linear model and a confidence interval that shows the predicted range of CO2 emissions per capita for future years.



The third graph shows the latest data (2020) for GDP per capita and CO2 emissions per capita, and the countries are grouped into three clusters based on KMeans clustering. The graph provides insight into the distribution of countries by cluster and allows for a comparison of trends within each cluster.

Clust	er 2:		
Ctust	Country	GDP per capita (CO2 emissions
680	North America	63198.701318	14.753530
1118	Australia	54941.434179	15.253618
1118	Bahrain	25869.112913	22.259581
1438	Brunei Darussalam	30748.737487	15.957155
1578	Canada	46328.671841	15.430613
2670	Kazakhstan	9812.595808	11.456938
2730	Korea, Rep.	31902.416905	11.799325
2750	Kuwait	30667.348220	20.861949
20 40 60 80	Africa Western and Ce Arab Caribbean small s Central Europe and the Ba	World 6384.06632 tates 10429.33204	1 4.272608 0 5.102301
Cluster 3:			
180	Count Count	,	CO2_emissions 6.111384
200			6.111384
200 260	Europe & Central As European Uni		6.091126
260 320	European uni High inco		9.811360
320 700	OECD membe		9.811360 8.518929
760 760	Post-demographic divide		9.523300
1018	Post-demographic divide Andor		9.523300 6.549389
1138			
1138	Austr	1a 500/0.403348	7.293984