

*FACTORS AFFECTING SUSTAINABLE GROWTH*  
*OF A REGION*

## **EXECUTIVE SUMMARY**

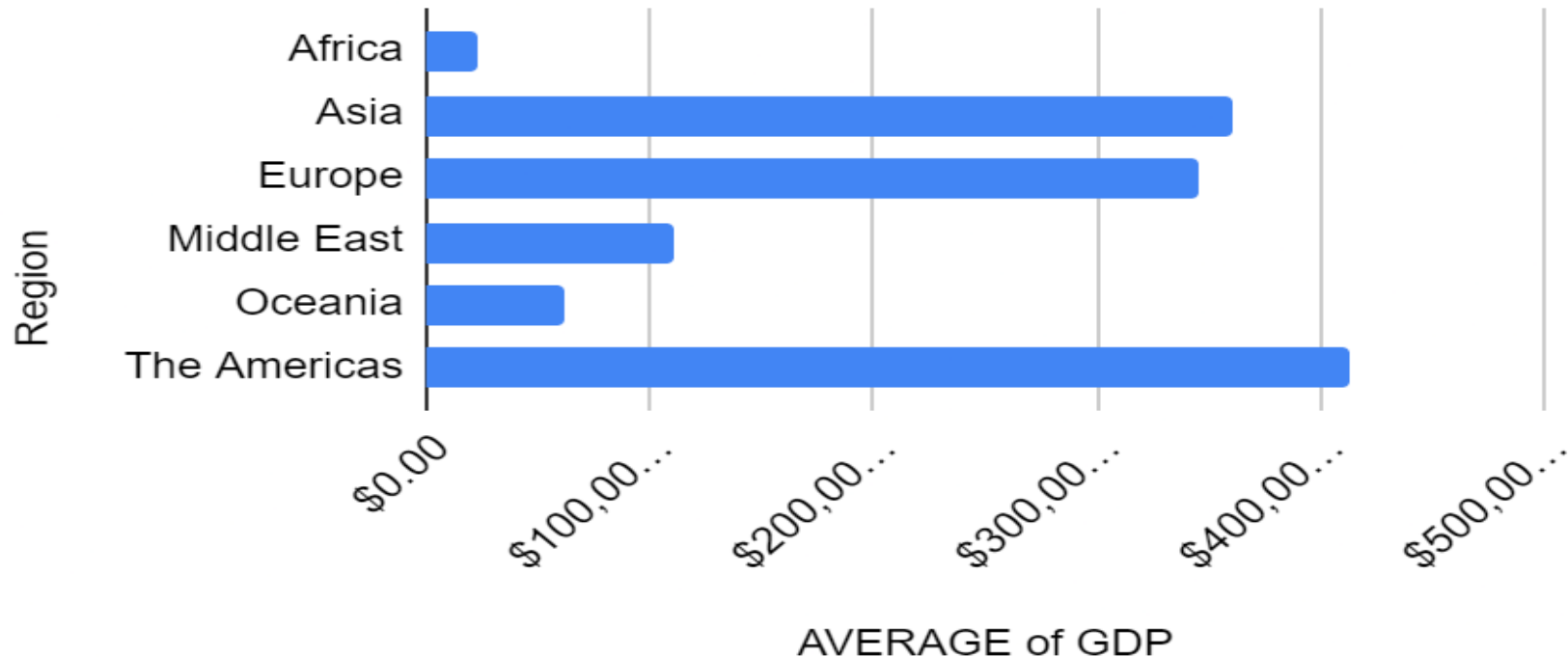
- The parameters I took to evaluate the growth of a Nation are:-
  - GDP
  - Population
  - Energy Usage
  - Carbon emissions
  - Tourism Inbound

## Correlations between:-

### 1. GDP vs Growth

Growth of a nation is positively correlated to GDP. More the GDP of a Nation, more can it invest in the growth of the nation.

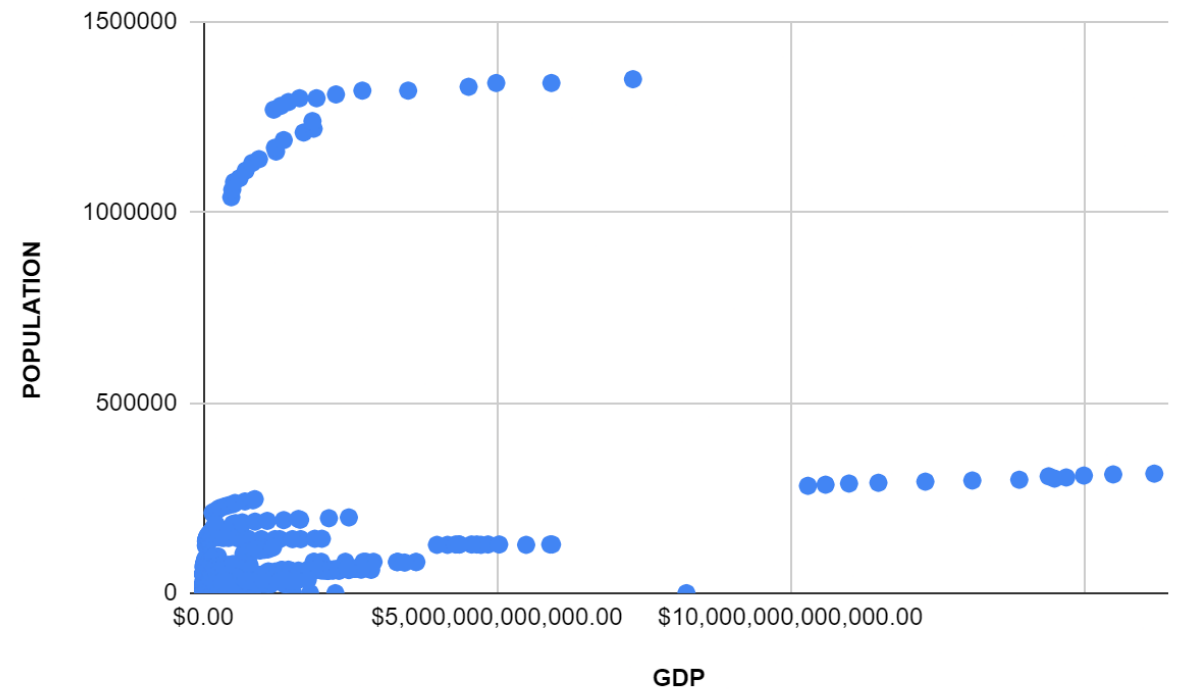
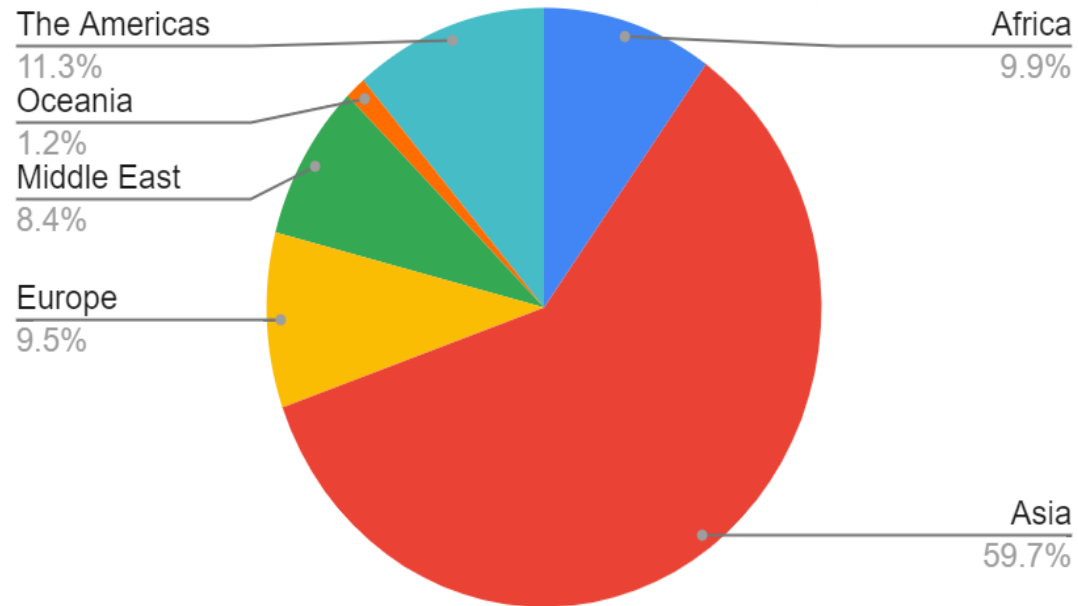
#### AVERAGE of GDP vs. Region



## 2. Population vs GDP

Population is positively correlated to GDP but it reduces the per capita GDP for a nation.

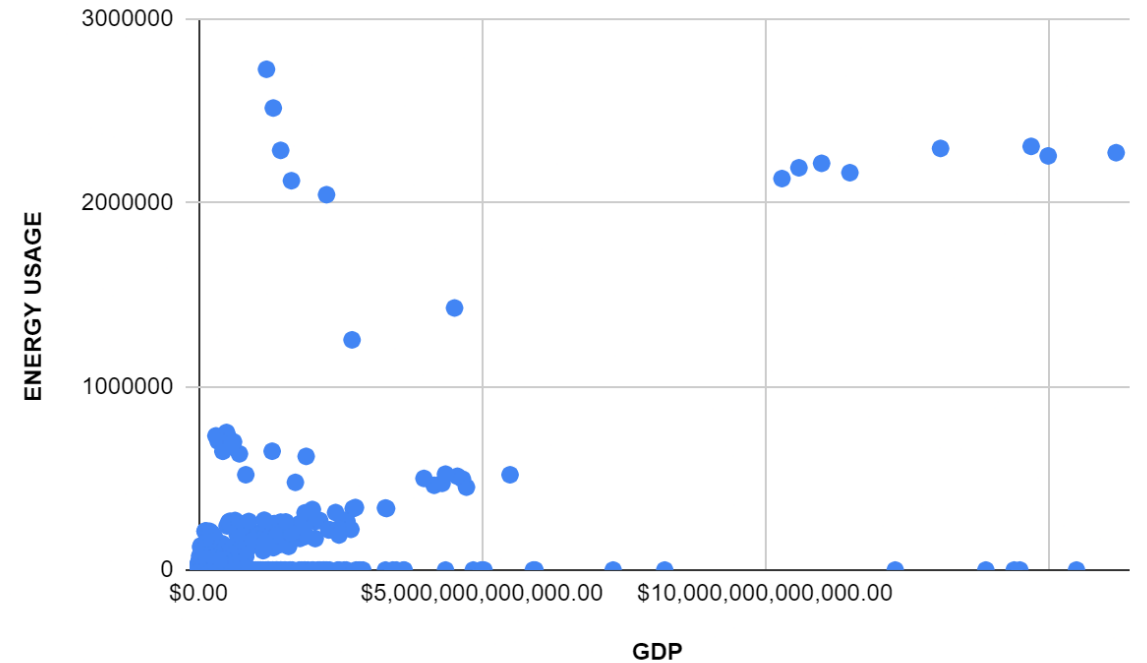
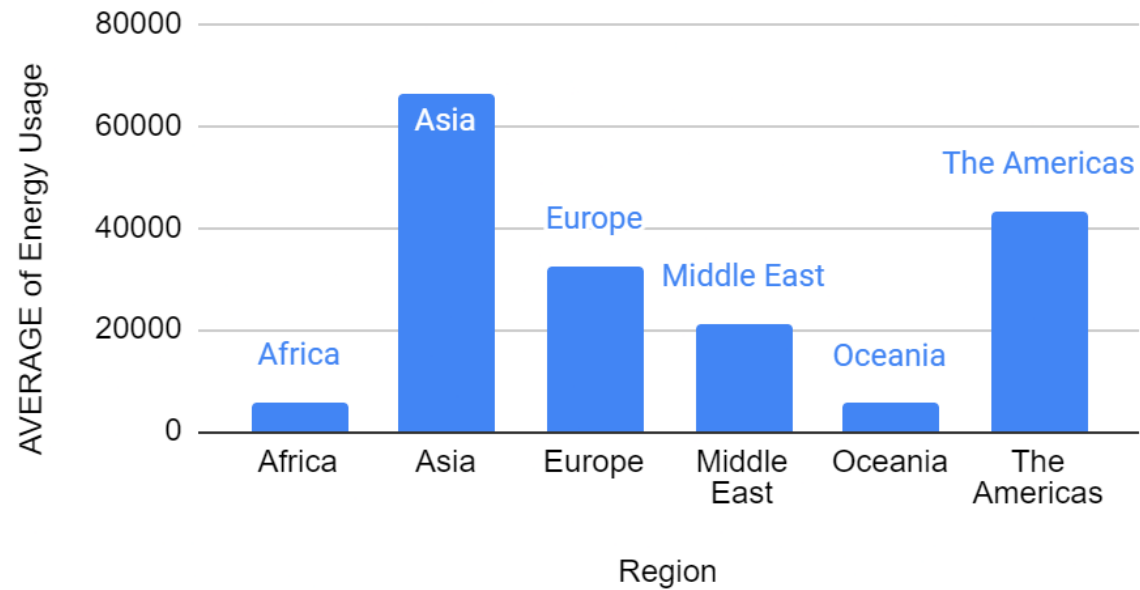
### AVERAGE of Population Total



### 3. Energy Usage vs GDP

Energy usage is positively correlated to GDP. Energy usage is linked to more production of resources and hence increase in growth of an economy.

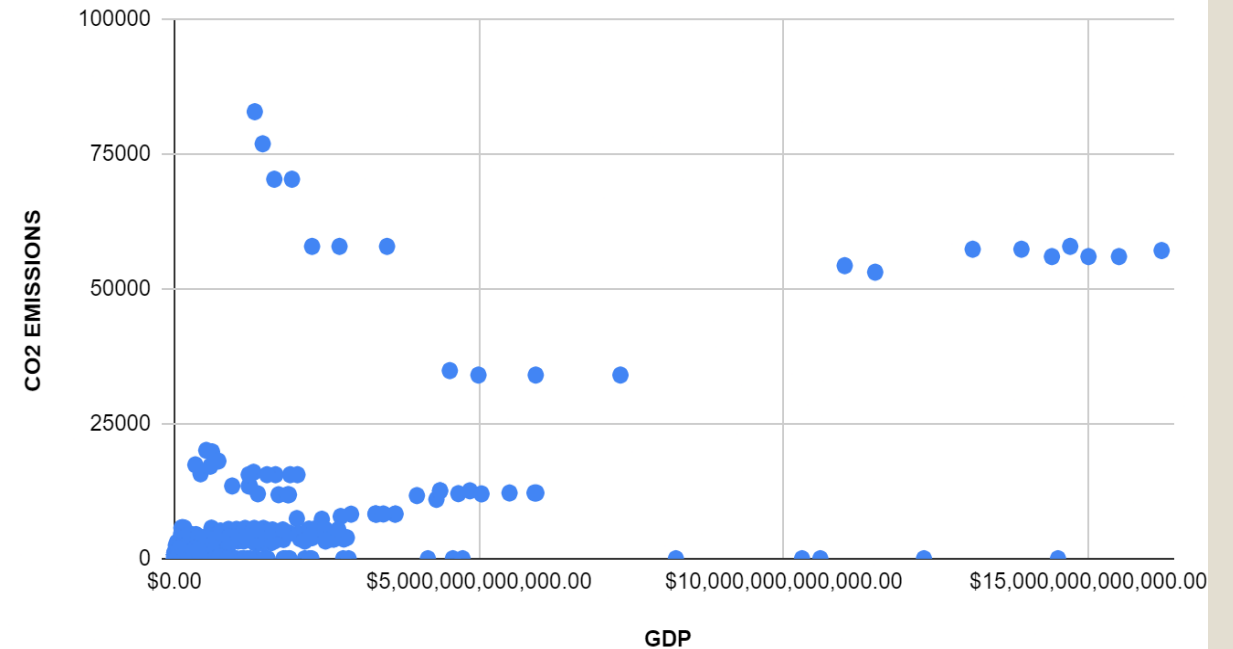
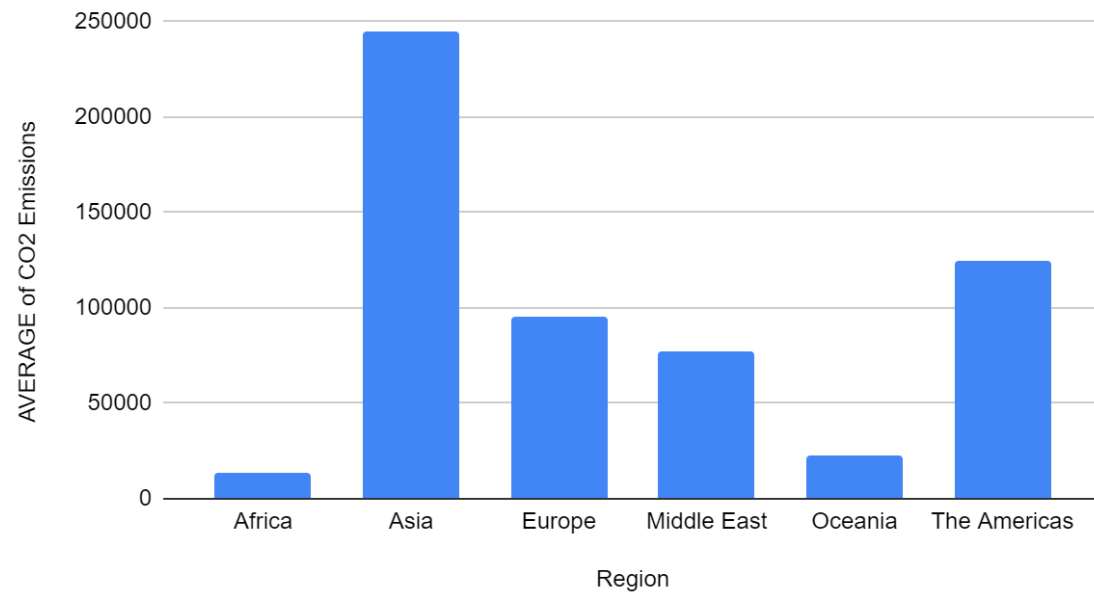
AVERAGE of Energy Usage (MW) vs. Region



## 4. Carbon Emissions vs GDP

Carbon emissions is positively correlated to GDP. As carbon emissions are linked to more of industrial activities , hence more productivity of a nation.

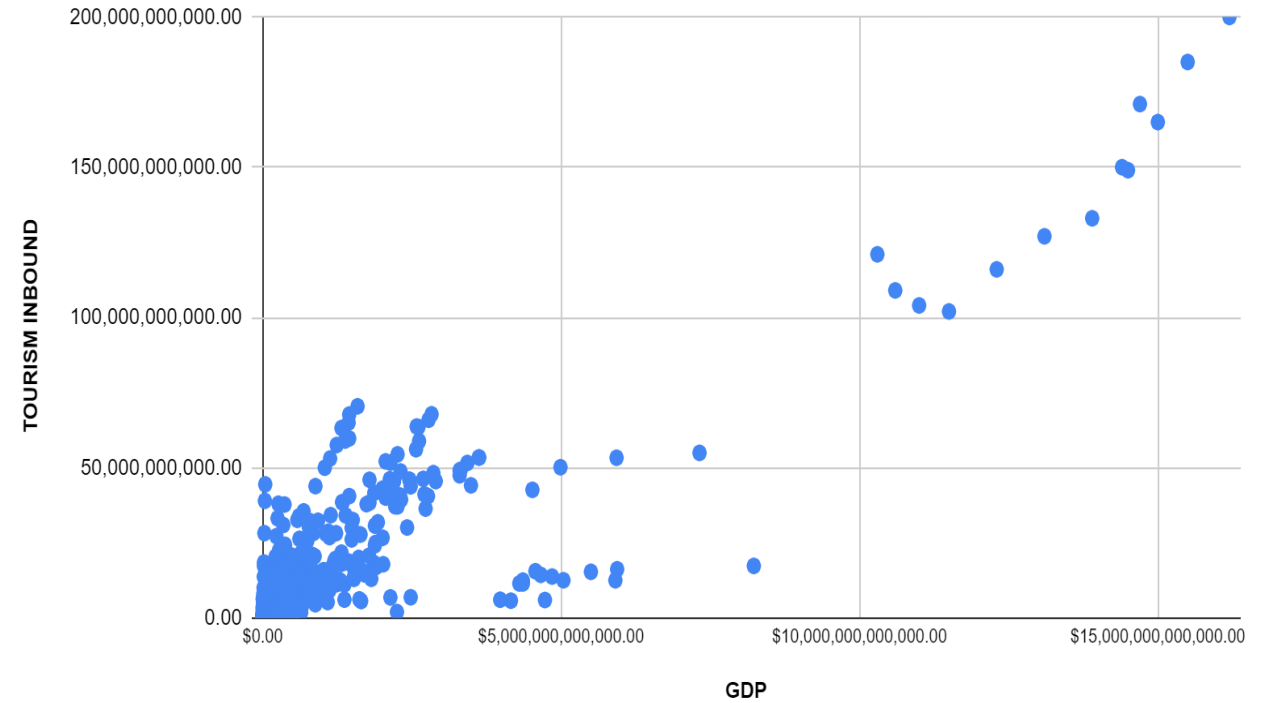
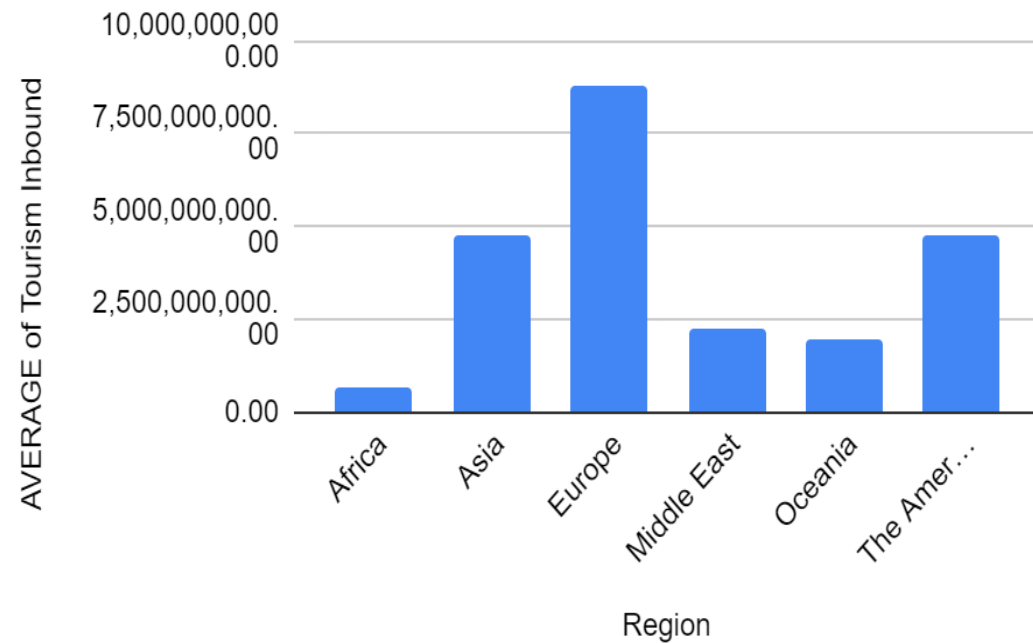
AVERAGE of CO2 Emissions vs. Region



## 5. Tourism Inbound vs GDP

Tourism inbound is positively correlated to GDP. More tourism inbound is linked to more forex inflow into the economy and hence positively affects the growth of a nation.

AVERAGE of Tourism Inbound vs. Region



## REGION WISE SUMMARY

Region	AVERAGE of GDP	AVERAGE of Population Total	AVERAGE of GDP/capita	AVERAGE of Energy Usage (M	AVERAGE of CO2 Emissions	AVERAGE of Tourism Inbound
Africa	\$23,302,954,883.58	17469141.67	\$1,795.49	5810.323657	13857.66618	664,097,097.24
Asia	\$360,720,369,027.16	104984170.4	\$6,642.51	66412.17873	244548.9389	4,751,152,488.69
Europe	\$345,180,690,163.16	16636173.34	\$25,488.95	32314.73558	95004.56571	8,768,899,038.46
Middle East	\$110,653,042,489.77	14848398.2	\$16,978.38	21138.42012	77595.78698	2,255,272,189.35
Oceania	\$62,657,445,766.41	2166782.41	\$5,384.04	5459.846154	22348.52308	1,936,527,179.49
The Americas	\$413,004,047,861.09	19882266.42	\$9,250.20	43281.76573	124892.8811	4,786,473,776.22
Grand Total	\$244,535,032,020.95	30889919.12	\$10,883.88	30812.3835	98785.50353	4,283,163,173.54

1. **The Americas** have the highest **GDP**.
2. **Asia** tops the **population** chart.
3. **Energy usage** of **Asia** is the maximum.
4. **Asia** produces the maximum **CO2**.
5. **Europe** tops the chart for **inbound tourism**.
6. **GDP/Capita** is maximum for **Europe**.