

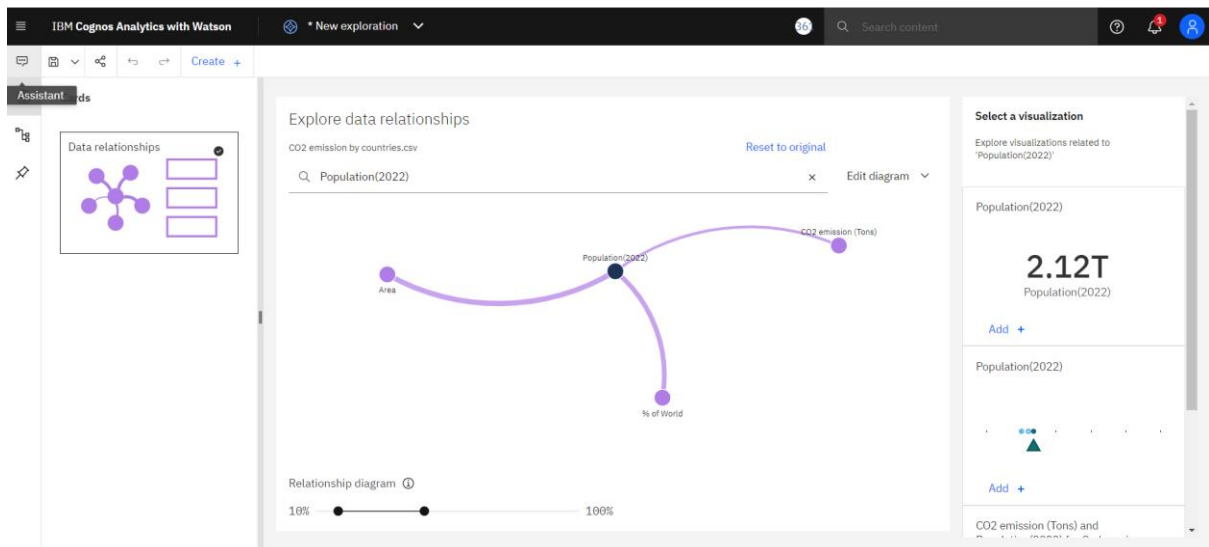
Analytics for Hospitals Health-Care Data

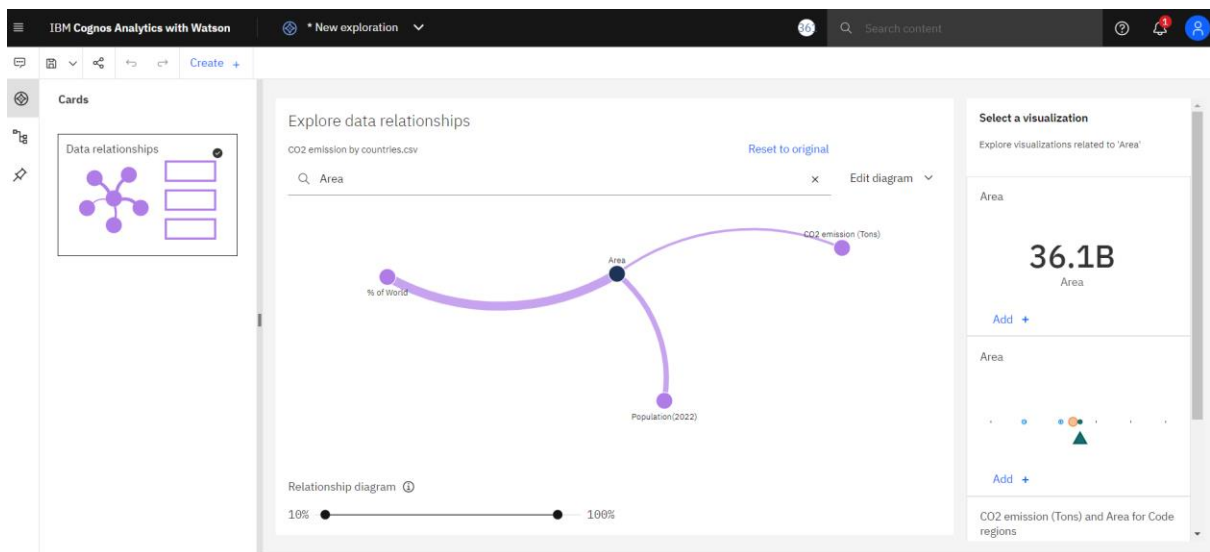
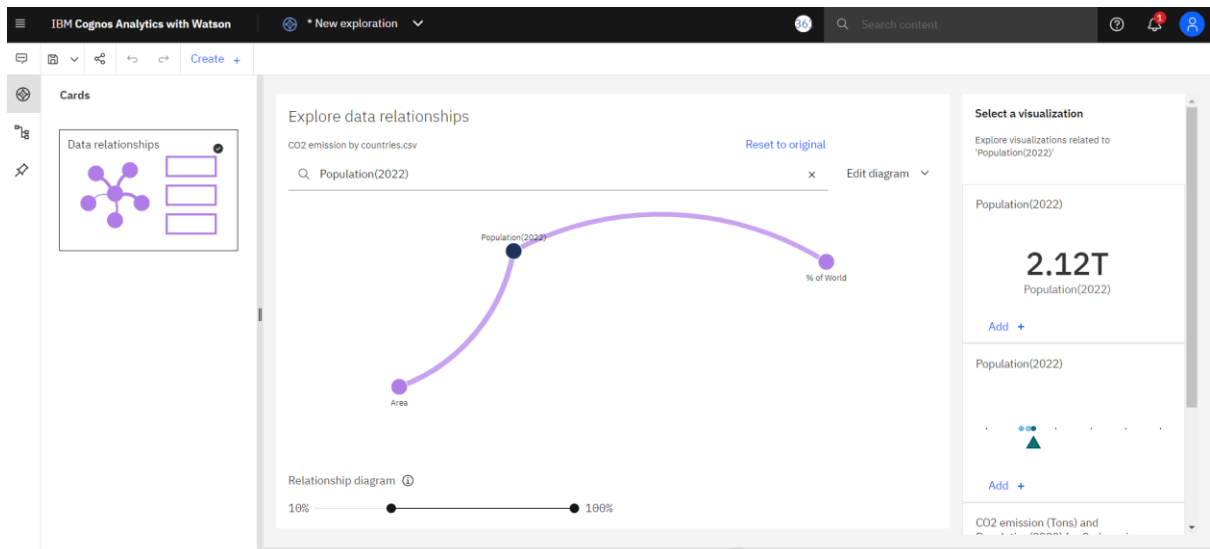
Assignment -1

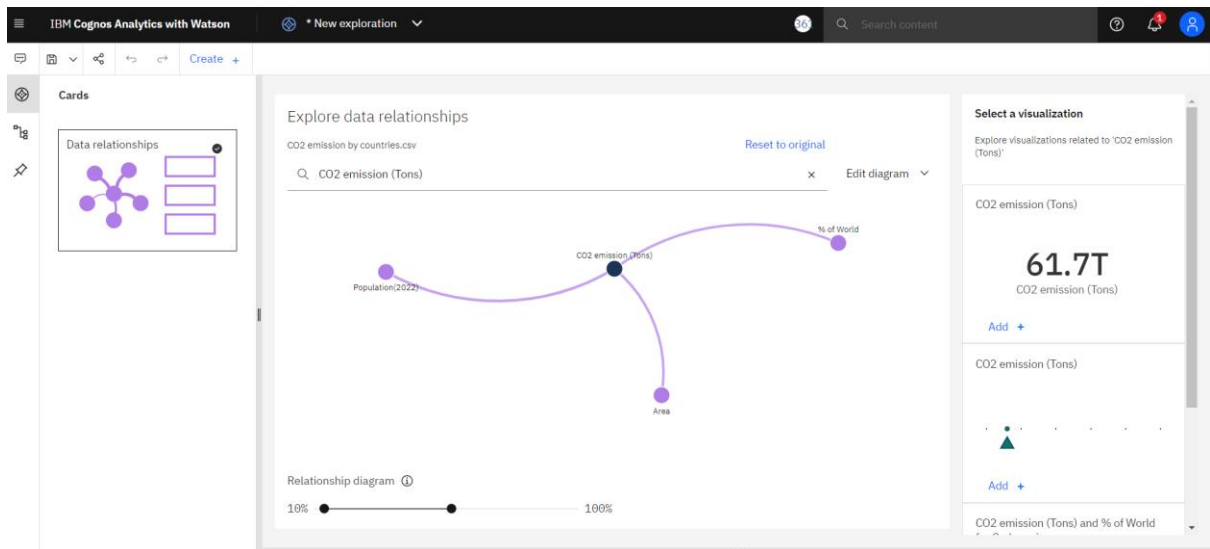
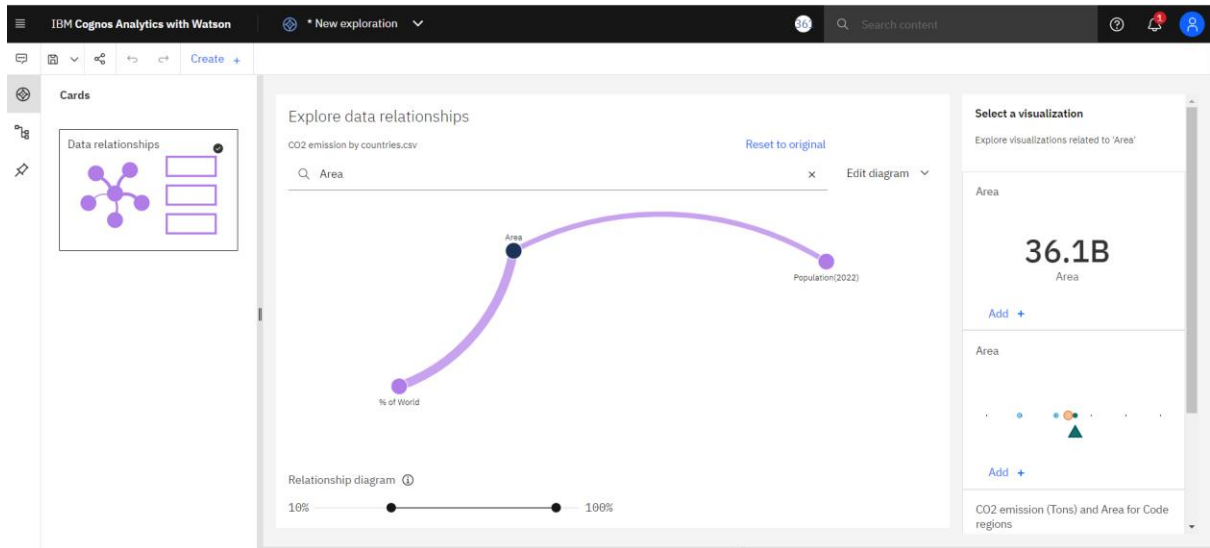
ROLL NO:737819CSR110

Data Visualization

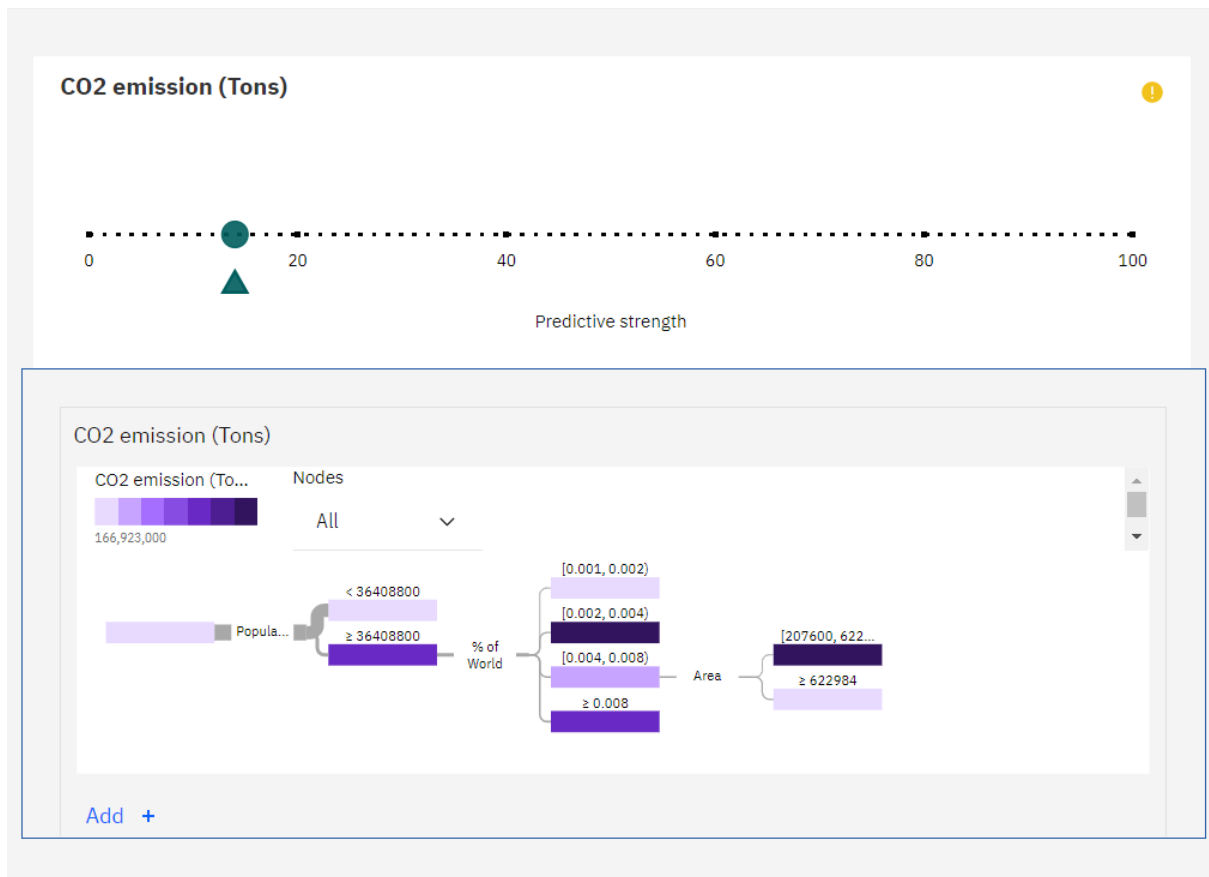
Data relationship :





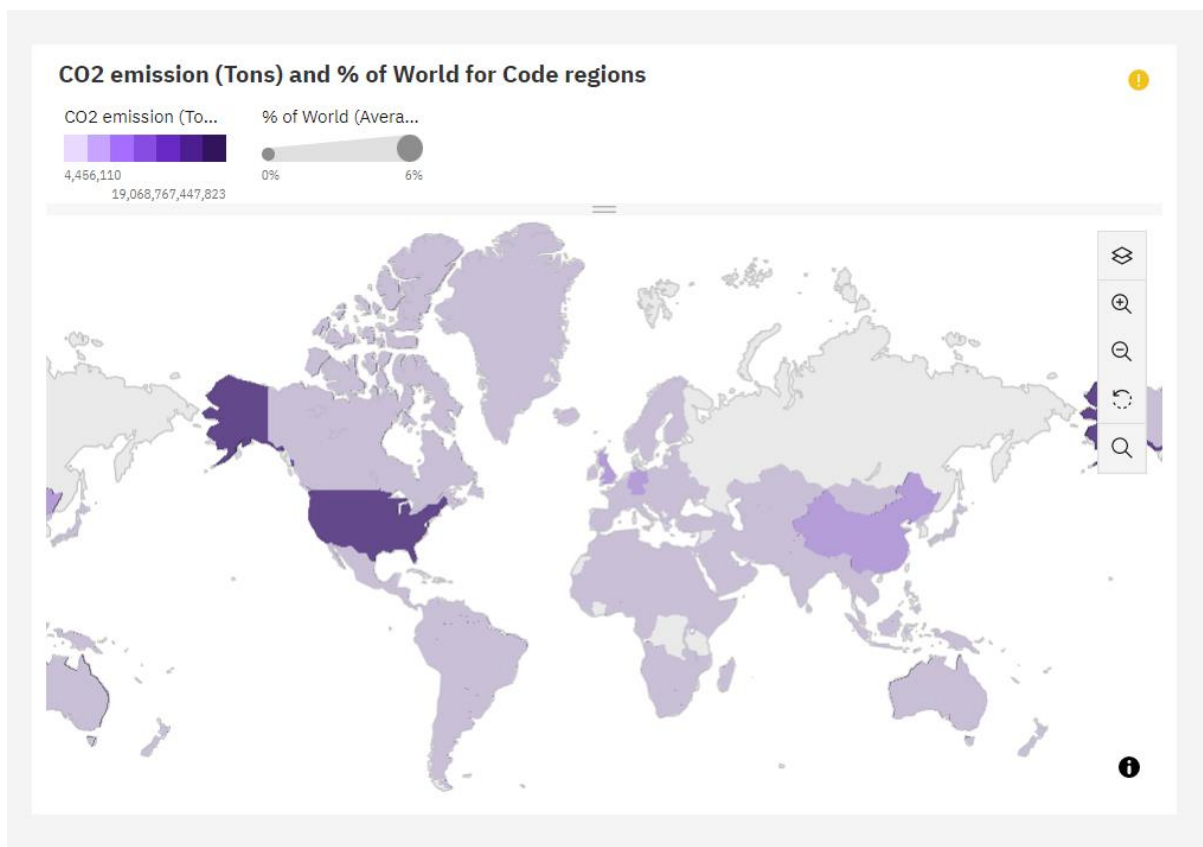


Advanced data analytics (Driver analysis)



Population(2022), **% of World**, and **Area** predict **CO2 emission (Tons)** with a strength of 14.8%.

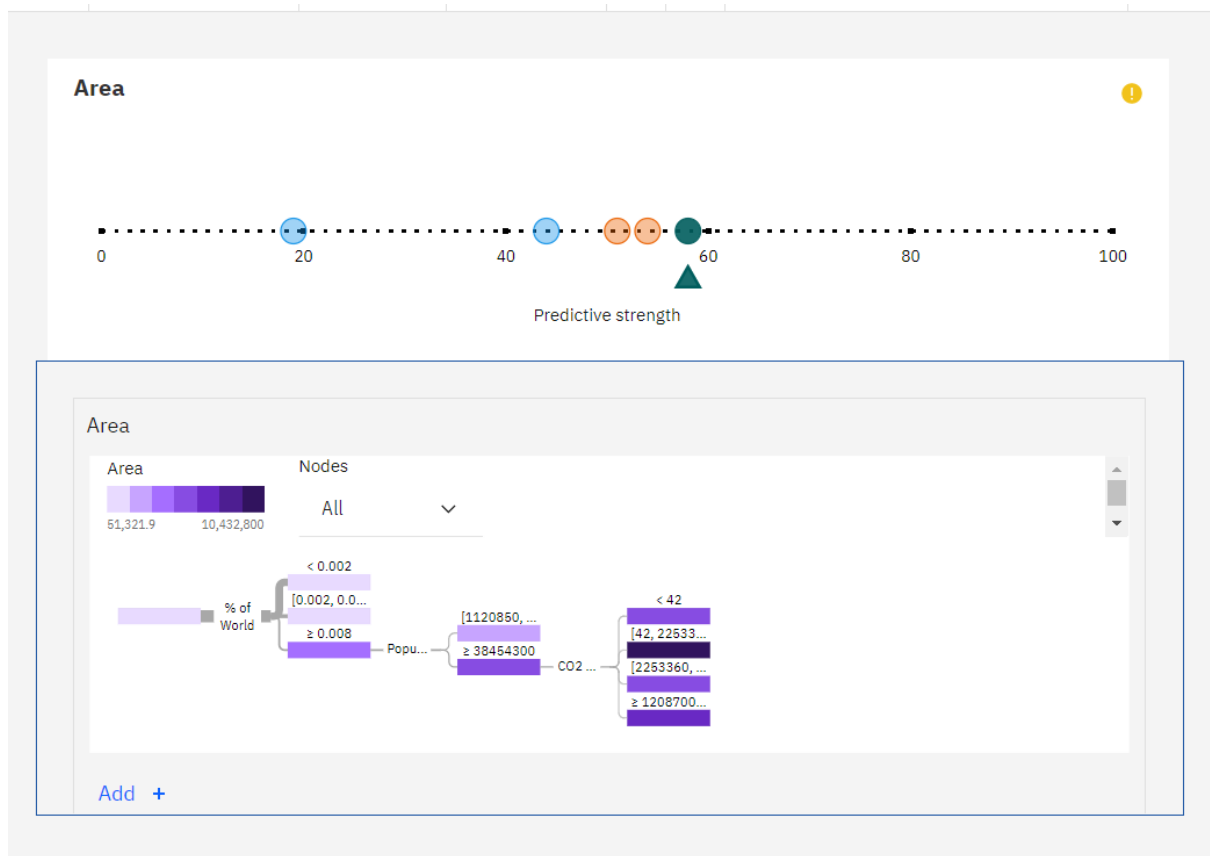
Population(2022) is the most significant predictor of **CO2 emission (Tons)** being two times better than any other field.



The total number of results for **% of World**, across all **codes**, is over 55 thousand.

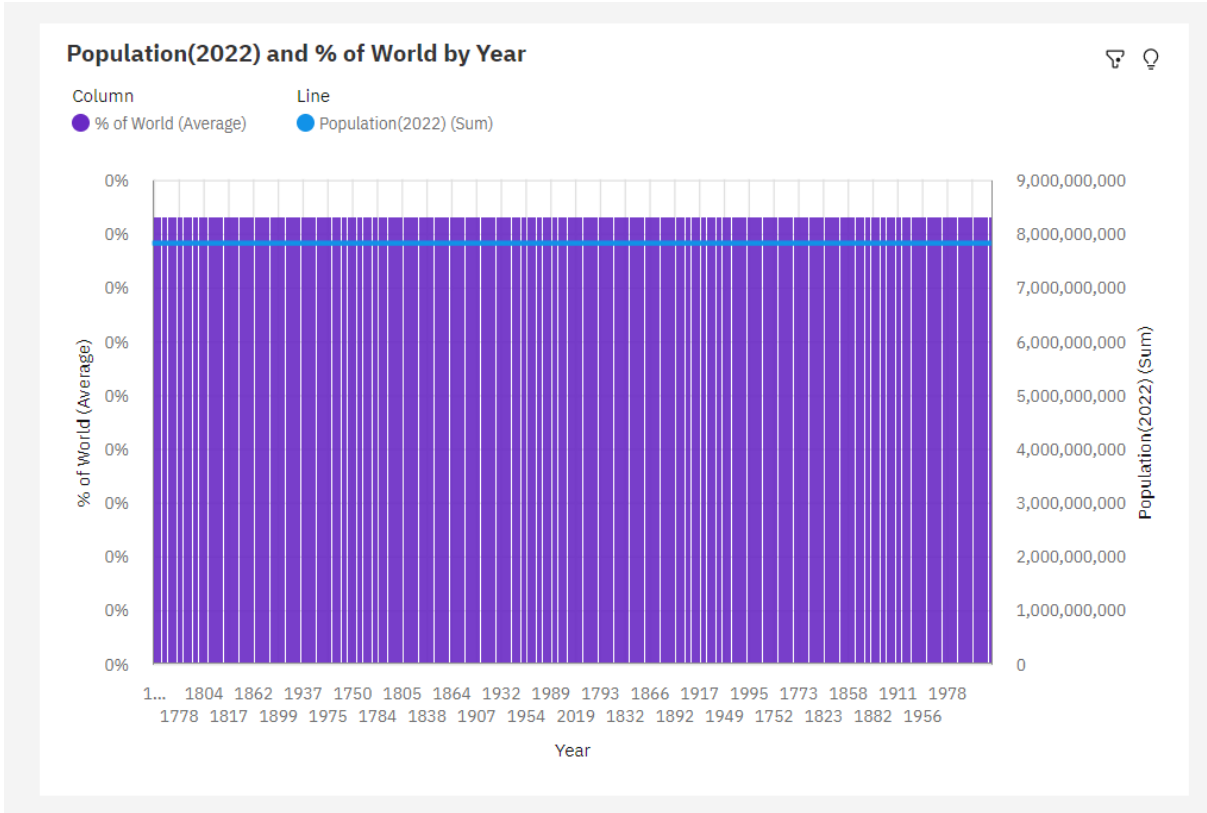
Over all **codes**, the sum of **CO2 emission (Tons)** is approximately 61693 billion.

CO2 emission (Tons) ranges from over 3.8 million, when **Code** is AQ, to approximately 19069 billion, when **Code** is US.



% of World, Population(2022), and CO2 emission (Tons) predict **Area** with a strength of 58.3%.

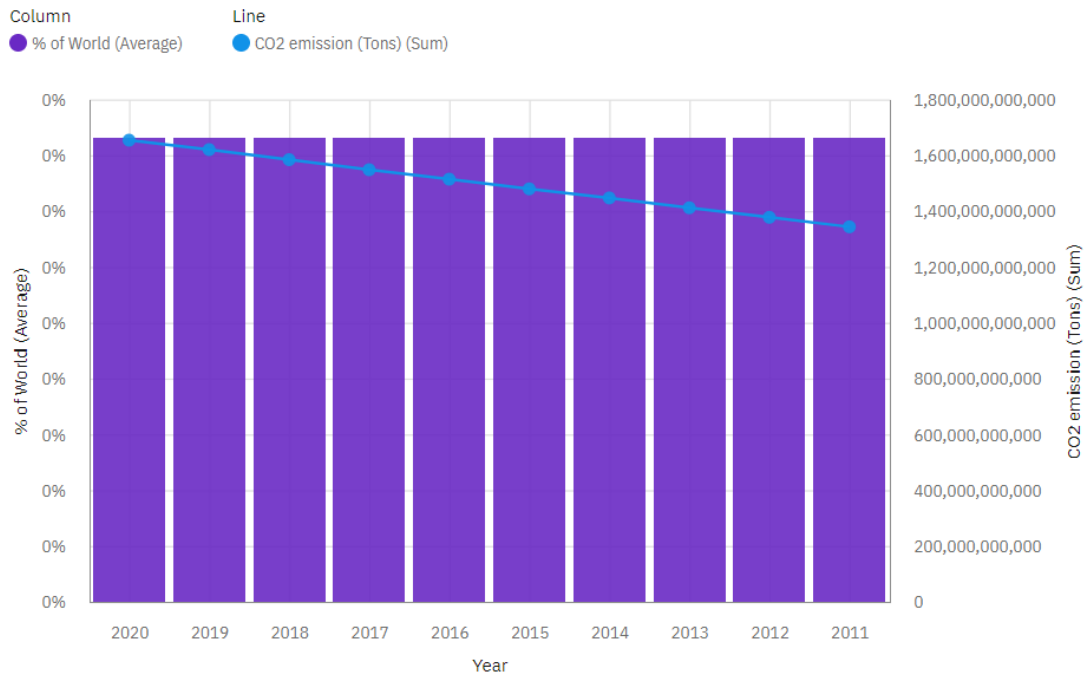
% of World is the most significant predictor of **Area** being three times better than any other field.



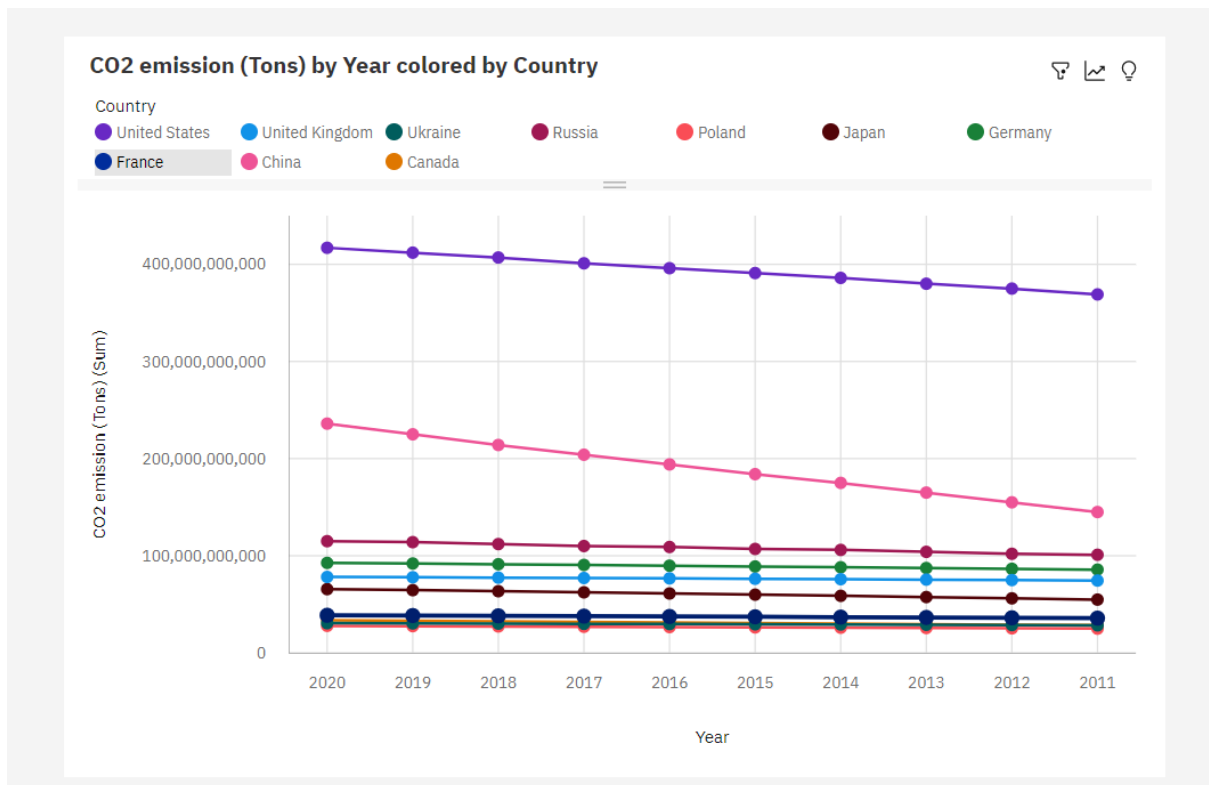
Over all **years**, the average of **% of World** is 0.004157.

Over all **years**, the sum of **Population(2022)** is approximately 2121 billion.

CO2 emission (Tons) and % of World by Year



- Over all **years**, the average of **% of World** is 0.004157.
- Over all **years**, the sum of **CO2 emission (Tons)** is approximately 14981 billion.
- For **CO2 emission (Tons)**, the most significant values of **Year** are 2020, 2019, and 2018, whose respective **CO2 emission (Tons)** values add up to approximately 4859 billion, or 32.4 % of the total.
- **CO2 emission (Tons)** ranges from approximately 1344 billion, in 2011, to approximately 1654 billion, in 2020



- Over all **years** and **countries**, the sum of **CO2 emission (Tons)** is approximately 10415 billion.
- For **CO2 emission (Tons)**, the most significant values of **Year** are 2020, 2019, and 2018, whose respective **CO2 emission (Tons)** values add up to approximately 3343 billion, or 32.1 % of the total.
- For **CO2 emission (Tons)**, the most significant value of **Country** is United States, whose respective **CO2 emission (Tons)** values add up to approximately 3934 billion, or 37.8 % of the total.
- The summed values of **CO2 emission (Tons)** range from approximately 25 billion to approximately 417 billion.
- **CO2 emission (Tons)** is unusually high in United States.

Chart A

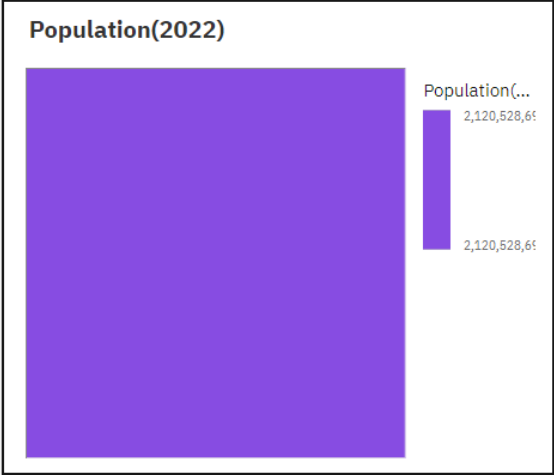
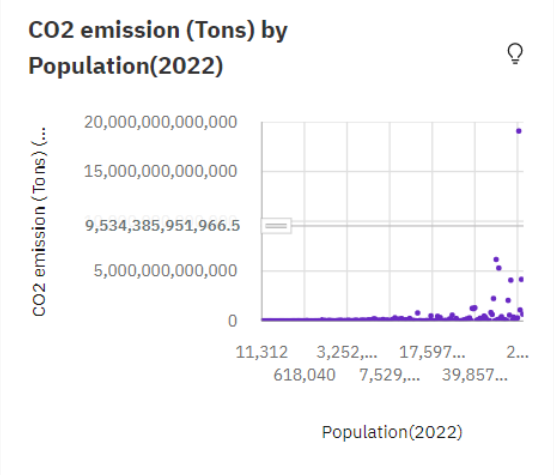


Chart B



Summary	Chart A : P...tion(2022)	Chart B : C...ion (Tons)	Combined
Chart percent of data set	100%	100%	-
Average	2,120,528,693,959	313,163,490,763.44	-
Chart total	2,120,528,693,959	61,693,207,680,397	-