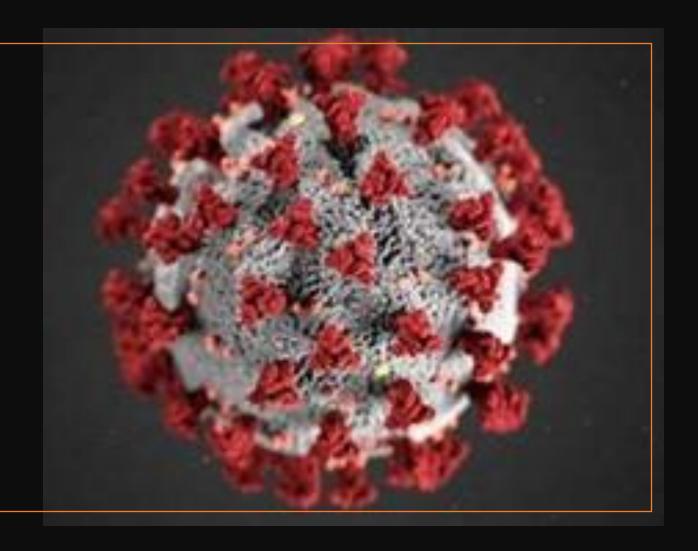
COVID -19
CASES
ANALYSIS





The project involves analyzing COVID-19 cases and deaths data using IBM Cognos. The objective is to compare and contrast the mean values and standard deviations of cases and associated deaths per day and by country in the EU/EEA. This project encompasses defining analysis objectives, collecting COVID-19 data, designing relevant visualizations in IBM Cognos, and deriving insights from the data. insights from the data.

The problem is to analyze the Covid 19 cases -The pandemic situation. A Coreelation study to assess the knowledge and self expected stigma regarding covid 19 outbreak among old peoples, youngsters, adults and

children's.

Design Thinking:

Analysis Objectives:

Define the specific objectives of analyzing COVID-19 cases and deaths data, such as comparing mean values and standard deviations.

Data Collection:

The provided data file .xls file which consists of fields with the columns being dateRep,day,month,year,cases,deaths, countries and territories

Visualization Strategy:

Based on the data set given we will plan how to visualize the data and provide required and meaningful reports and dasboards by using IBM cagnos analytics

• Insights Generation:

Based on the data we use python libraries and try to build models accordingly to provide insights on the number of active cases and deaths by year

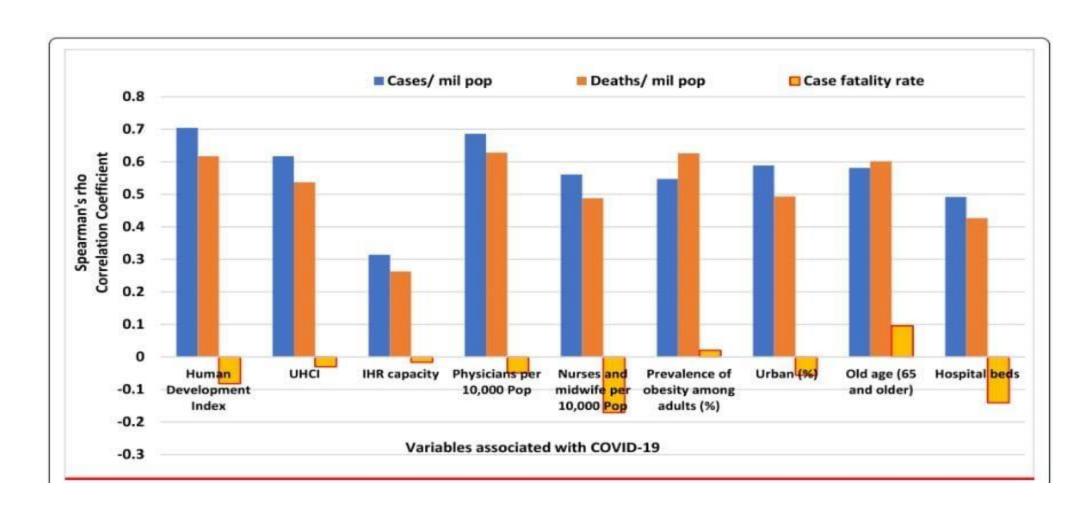
MEAN AND STANDARD DEIVIATION FOR ANALYSIS OBJECTIVE

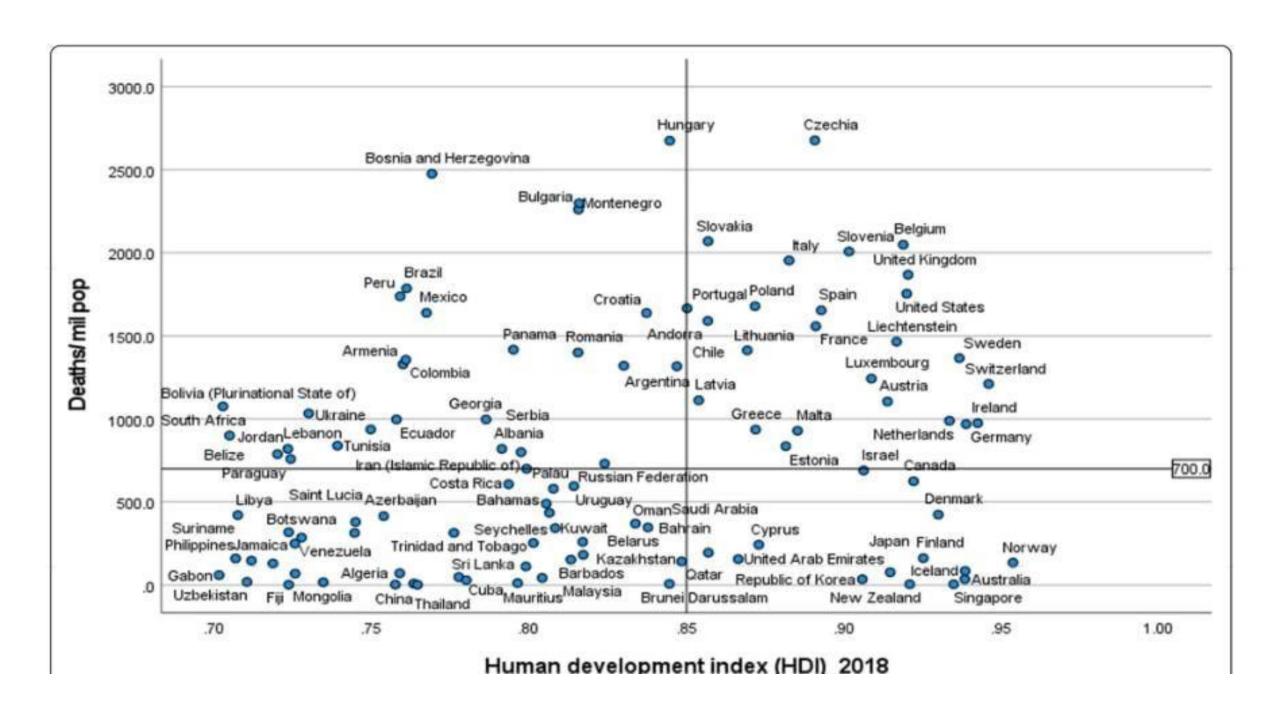
this pandemic disease						
	Country	Mean ± Standard Deviatio				
	United States America	11900.8 ± 13327.5				
	Spain	3187.6 ± 3016.8				
	Italy	2922.6 ± 2056.1				
Cases	Germany	2329.2 ± 2245.2				
	France	1851.5 ± 1876.0				
	United Kingdom	1842.1 ± 2207.7				
	Iran	1294.5 ± 921.5				
	United States America	628.0 ± 1013.4				

Data Collection:

1	Date	Services	Products	Total	7-Day Avg	Goal
2	2016-08-19	1345		2709	2,709	2500
3	2016-08-20	9700		2709	2,709	2500
4	2016-08-21		1259	-321	1,699	2500
5	2016-08-22	4578		-27	1,268	2500
6	2016-08-23		3336	0	1,014	2500
7	2016-08-24		3799	0	845	2500
8	2016-08-25	987		416	784	2500
9	2016-08-26	8712	1205	1333	587	2500
10	2016-08-27	4509	2424	0	200	2500
11	2016-08-28	6312		2330	579	2500
12	2016-08-29			2814	985	2500
13	2016-08-30			81	996	2500
14	2016-08-31			443	1,060	2500
15	2016-09-01			1579	1,226	2500
16	2016-09-02			3266	1,502	2500
17						

• Visualization Strategy:





CONCLUSION

 The COVID-19 pandemic demonstrates that the world remains vulnerable to public health emergencies with significant health and other socio-economic impacts. This is possible through a PHC approach that provides universal access to good quality health services through empowered communities. The pandemic has affected every corner of the world; it has demonstarted that "no country is safe unless other countries are safe ".This should be a call for a strong global health system based on the values of justice and capabilities for health