

# **MACHINE LEARNING**

**DAY – 10**



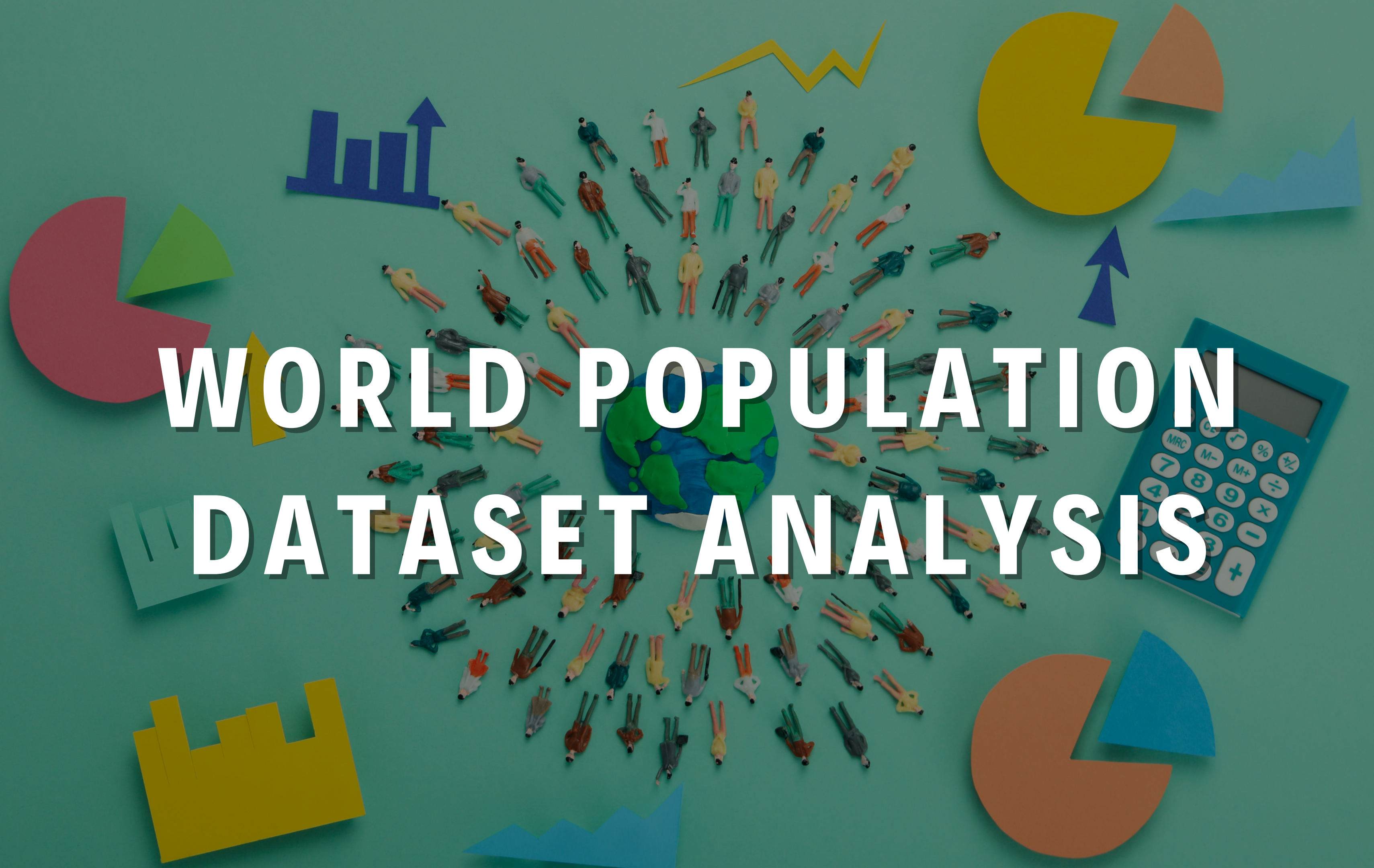
# PROJECT – 2

**EXPLORATORY DATA ANALYSIS WITH**

**PANDAS, MATPLOTLIB, SEABORN**



# WORLD POPULATION DATASET ANALYSIS





# INTRODUCTION

- This dataset is world population dataset, which contains current estimates, historical data, and projected figures of world countries and dependent territories.
- Data based on the latest United Nations Population Division estimates.

# INTRODUCTION

- This dataset is world population dataset, which contains current estimates of Historical Population data for every Country/Territory in the world.
- It contains different parameters like Area Size of the Country/Territory, Name of the Continent, Name of the Capital, Density, Population Growth Rate, Ranking based on Population, World Population Percentage, etc.

# DATASET

Rank	CCA3	Country/Territory	Capital	Continent	2022 Population	2020 Population	2015 Population	2010 Population	2000 Population	1990 Population	1980 Population	1970 Population	Area (km²)	Density (per km²)	Growth Rate	World Population Percentage
139	JAM	Jamaica	Kingston	North America	2827377	2820436	2794445	2733896	2612205	2392030	2135546	1859091	10991	257.2447	0.9999	0.04
107	LBY	Libya	Tripoli	Africa	6812341	6653942	6192235	6491988	5154790	4236983	2962720	1909177	1759540	3.8717	1.0114	0.09
22	TZA	Tanzania	Dodoma	Africa	65497748	61704518	52542823	45110527	34463704	26206012	19297659	13618192	945087	69.3034	1.0300	0.82
183	PYF	French Polynesia	Papeete	Oceania	306279	301920	291787	283788	250927	211089	163591	117891	4167	73.5011	1.0074	0.00
89	HND	Honduras	Tegucigalpa	North America	10432860	10121763	9294505	8450933	6656725	5053234	3777990	2782753	112492	92.7431	1.0150	0.13
178	GLP	Guadeloupe	Basse-Terre	North America	395752	395642	399089	403072	424067	391951	334234	318310	1628	243.0909	0.9992	0.00
26	MMR	Myanmar	Nay Pyi Taw	Asia	54179306	53423198	51483949	49390988	45538332	40099553	33465781	27284112	676578	80.0784	1.0071	0.68
221	VGB	British Virgin Islands	Road Town	North America	31305	30910	29366	27556	20104	15617	11109	9581	151	207.3179	1.0059	0.00
94	HUN	Hungary	Budapest	Europe	9967308	9750573	9844246	9986825	10202055	10375989	10698679	10315366	93028	107.1431	1.0265	0.12
136	PRI	Puerto Rico	San Juan	North America	3252407	3271564	3497335	3717922	3827108	3543776	3214568	2737619	8870	366.6750	0.9989	0.04

# DATASET

- Rank: Rank by Population.
- CCA3: 3 Digit Country/Territories Code.
- Country/Territories: Name of the Country/Territories.
- Capital: Name of the Capital.
- Continent: Name of the Continent.
- 2022 Population: Population of the Country/Territories in the year 2022.
- 2020 Population: Population of the Country/Territories in the year 2020.
- 2015 Population: Population of the Country/Territories in the year 2015.
- 2010 Population: Population of the Country/Territories in the year 2010.
- 2000 Population: Population of the Country/Territories in the year 2000.
- 1990 Population: Population of the Country/Territories in the year 1990.
- 1980 Population: Population of the Country/Territories in the year 1980.
- 1970 Population: Population of the Country/Territories in the year 1970.
- Area (km<sup>2</sup>): Area size of the Country/Territories in square kilometer.
- Density (per km<sup>2</sup>): Population Density per square kilometer.
- Growth Rate: Population Growth Rate by Country/Territories.
- World Population Percentage: The population percentage by each Country/Territories.





# THANK YOU

