In [1]:	# Data Exploration and Preprocessing#Handling Missing Values#Handling Outliers#Handling Skewness #Categorical Data Encoding #EXOLOTOARY DATA ANALYSIS - PREPROCESSING import pandas as pd import numpy as np import matplotlib.pyplot as plt import seaborn as sns %matplotlib inline import warnings warnings.filterwarnings('ignore')
In [4]: Out[4]:	# DATA PREPROCESSING WBD head() Country Code Name Code Name New Noticial New Notic
In [5]:	### Standard Core frame Data Frame >
In [8]:	WBD. dtypes
In [9]: Out[9]:	1960 264.0 NaN NaN NaN NaN 117271174.712121 369543889.752433 2646.0 513221.25 3757485.5 26706062.75 3031474234.0
<pre>In [10]: Out[10]: In [11]: Out[11]:</pre>	1.73712Pe-08
In [14]:	
In [15]:	BMU 1 ABM 1 BRB 1 BR 1 BR
In [16]: Out[16]: In [17]:	'UZB', 'VCT', 'VEN', 'VGB', 'VIR', 'VNM', 'VUT', 'WLD', 'WSM', 'XKX', 'YEM', 'ZAF', 'ZMB', 'ZWE'], dtype=object) # NUMBER OF UNIQUE VALUE WBD['Country Code'].nunique() 266 #PERCENTAGE MISSING VALUE OF COLUMNS (WBD.isnull().sum()/(len(WBD)))*100
In [18]:	Country Name
	# JDENTIFY WULL VALUES IN THE DATA WBD.isnull().sum() Country Name
	WBD.isnull().sum() Country Name
	######################################
In [24]: Out[24]:	Argentina Arge Population 20349740 206806530 21200350
<pre>In [25]: Out[25]: In [26]: Out[26]: In [29]:</pre>	# REMOVE OF DUPLICATE VALUE WBD.drop_duplicates().sum() Country Name
	Country Name N
In [55]: Out[55]:	<pre>numerical_data=WBD.select_dtypes(["int64"]) numerical_data</pre>
In [58]:	from sklearn.preprocessing import LabelEncoder