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[1]: #standard library imports

#Third party imports
import warnings # for warning handlings
import pandas as pd # for numerical operations and mathematical functions
import numpy as np #
import matplotlib.pyplot as plt # for data visualization
import seaborn as sns # for statistical graphics
from sklearn.model_selection import train_test_split
from sklearn.preprocessing import MinMaxScaler, StandardScaler
from sklearn.preprocessing import StandardScaler, OneHotEncoder
from sklearn.compose import ColumnTransformer
from sklearn.pipeline import Pipeline
from sklearn.metrics import accuracy_score, classification_report

warnings.filterwarnings("ignore")
```

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[2]: file_path = ("C:\\Users\\Meriya Ninan\\Desktop\\immunization_data.csv")
df = pd.read_csv(file_path) #immunization = df
```

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[3]: df.head()
```

[3]:		Country Name	Country Code	Indicator Name	Indicator Code	1960	1961	1962	1963	1964	1965	...	2014	2015	2016	:
0		Africa Eastern and Southern	AFE	Adolescent fertility rate (births per 1,000 women)	SP.ADO.TFRT	140.180526	140.810248	141.664168	142.324951	143.456933	144.33115	...	107.697715	105.501833	103.222825	100.96
1		Africa Eastern and Southern	AFE	Adults (ages 15+) and children (0-14)	SH.HIV.TOTL	NaN	NaN	NaN	NaN	NaN	NaN	...	NaN	NaN	NaN	