

EXPERIMENT- 19

Aim : To execute pandas program to display dimensions or shape of the world alcohol consumption dataset.

Pseudocode :

- 1) Import the necessary library, pandas
- 2) Read the dataset into a dataframe
- 3) Display the shape of dataframe
- 4) Extract and print the column names.

Sample Input:

world alcohol consumption dataset

Sample output:

Shape of dataset : (5,5)

column names : ['year', 'WHO region', 'country', 'Beverage',
'Display value']

Result:

Therefore the pandas program to display dimensions executed successfully.

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[ ] # Display the dimensions (rows, columns)
print("Shape of the dataset:", df.shape)

# Extract and print the column names
print("Column names:", df.columns.tolist())
```

Shape of the dataset: (5, 5)
Column names: ['Year', 'WHO region', 'Country', 'Beverage Types', 'Display Value']

```
import pandas as pd

# Sample DataFrame
data = {
    'Year': [1986, 1986, 1985, 1986, 1987],
    'WHO region': ['Western Pacific', 'Americas', 'Africa', 'Americas', 'Americas'],
    'Country': ['Viet Nam', 'Uruguay', 'Cte d'Ivoire', 'Colombia', 'Saint Kitts and Nevis'],
    'Beverage Types': ['Wine', 'Other', 'Wine', 'Beer', 'Beer'],
    'Display Value': [0.00, 0.50, 1.62, 4.27, 1.98]
}
```

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