```python
import pandas as pd
import numpy as np

# Creating random data for the DataFrame
np.random.seed(42)  # Setting seed for reproducibility
data = {
    'Feature1': np.random.rand(10),
    'Feature2': np.random.randint(1, 100, 10),
    'Feature3': np.random.choice(['A', 'B', 'C'], 10),
    'Feature4': np.random.randn(10),
    'Feature5': np.random.uniform(0, 1, 10)
}

# Creating the DataFrame
df = pd.DataFrame(data)

# Displaying the DataFrame
print(df)
```

```
   Feature1  Feature2 Feature3  Feature4  Feature5
0  0.374540        22        A -0.251044  0.942202
1  0.950714        53        B -0.163867  0.563288
2  0.731994         2        B -1.476330  0.385417
3  0.598658        88        A  1.486981  0.015966
4  0.156019        30        A -0.024455  0.230894
5  0.155995        38        A  0.355551  0.241025
6  0.058084         2        C  0.417011  0.683264
7  0.866176        64        C  0.832462  0.609997
8  0.601115        60        C -0.293399  0.833195
9  0.708073        21        B -0.029839  0.173365
```

```python
print(df.info())
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10 entries, 0 to 9
Data columns (total 5 columns):
 #   Column    Non-Null Count  Dtype
---  ------    --------------  -----
 0   Feature1  10 non-null     float64
 1   Feature2  10 non-null     int32
 2   Feature3  10 non-null     object
 3   Feature4  10 non-null     float64
 4   Feature5  10 non-null     float64
dtypes: float64(3), int32(1), object(1)
memory usage: 488.0+ bytes
None
```

```python
print(df.describe(include='all'))
```

```
         Feature1   Feature2 Feature3   Feature4   Feature5
count   10.000000  10.000000       10  10.000000  10.000000
```

```
unique        NaN        NaN         3        NaN        NaN
top           NaN        NaN         A        NaN        NaN
freq          NaN        NaN         4        NaN        NaN
mean     0.520137  38.000000       NaN   0.085307   0.467861
std      0.315866  28.059461       NaN   0.780928   0.305417
min      0.058084   2.000000       NaN  -1.476330   0.015966
25%      0.210649  21.250000       NaN  -0.229250   0.233427
50%      0.599887  34.000000       NaN  -0.027147   0.474352
75%      0.726014  58.250000       NaN   0.401646   0.664947
max      0.950714  88.000000       NaN   1.486981   0.942202
```

```
observation_4 = df.loc[4]
print(observation_4)
```

```
Feature1    0.156019
Feature2          30
Feature3           A
Feature4   -0.024455
Feature5    0.230894
Name: 4, dtype: object
```

```
null_values = df.isnull().sum()
print(null_values)
```

```
Feature1    0
Feature2    0
Feature3    0
Feature4    0
Feature5    0
dtype: int64
```