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In [1]: import pandas as pd
import numpy as np
```

```
In [2]: # Creating the DataFrame
data = {
    "Name": ["Alice", "Bob", "Charlie", "David", "Eve"],
    "Age": [25, 30, 22, 29, 27],
    "Score": [85, 90, 78, 88, 92]
}
```

```
In [3]: df = pd.DataFrame(data)
```

```
In [4]: # Displaying the DataFrame
print("DataFrame:\n", df)
```

DataFrame:

	Name	Age	Score
0	Alice	25	85
1	Bob	30	90
2	Charlie	22	78
3	David	29	88
4	Eve	27	92

```
In [5]: # Retrieving a single column (Age)
age_column = df["Age"]
print("\nRetrieved Column - Age:\n", age_column)
```

Retrieved Column - Age:

0	25
1	30
2	22
3	29
4	27

Name: Age, dtype: int64

```
In [6]: # Getting summary statistics
summary = df.describe()
print("\nSummary Statistics of DataFrame:\n", summary)
```

Summary Statistics of DataFrame:

	Age	Score
count	5.000000	5.000000
mean	26.600000	86.600000
std	3.209361	5.458938
min	22.000000	78.000000
25%	25.000000	85.000000
50%	27.000000	88.000000
75%	29.000000	90.000000
max	30.000000	92.000000

```
In [7]: # Calculating mean and standard deviation for numeric columns  
mean_values = df.select_dtypes(include=np.number).mean()  
std_values = df.select_dtypes(include=np.number).std()
```

```
In [8]: print("\nMean Values:\n", mean_values)  
print("\nStandard Deviation Values:\n", std_values)
```

Mean Values:

Age        26.6  
Score      86.6  
dtype: float64

Standard Deviation Values:

Age        3.209361  
Score      5.458938  
dtype: float64