

365 DataScience Using pandas Methods for Working with Series Objects

Step 1 Libraries import

```
# use the well-known convention  
import pandas as pd
```

Step 2 Create a Series object

```
series_1 = pd.Series([1, 5, 10, 15, 25, 300, 445, 4, 2000])  
series_1  
  
0      1  
1      5  
2     10  
3     15  
4     25  
5    300  
6    445  
7      4  
8   2000  
dtype: int64
```

Step 3 Use pandas methods for gathering data about the dataset

```
# Obtain the sum of all values  
series_1.sum()  
  
2805  
  
# Obtain the highest value  
series_1.min()  
  
1  
  
# Obtain the lowest value  
series_1.max()  
  
2000  
  
# Obtain the index of the highest value  
series_1.idxmax()  
  
8  
  
# Obtain the first five rows  
series_1.head()  
  
0      1  
1      5  
2     10
```

```
3    15
4    25
dtype: int64
```

Start your 365 Journey!