

# 365 DataScience Indexing in Pandas

## 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])
series_1
```

```
0      1
1      5
2     10
3     15
dtype: int64
```

## Step 3 Create a dictionary

```
series_1_dict = {'Product A': 22, 'Product B' : 166, 'Product C':156}
series_1_dict
```

```
{'Product A': 22, 'Product B': 166, 'Product C': 156}
```

## Step 4 Create a Series using the dictionary

*# Translate the keys of the dictionary into index values*

```
series_2 = pd.Series(series_1_dict)
series_2
```

```
Product A      22
Product B     166
Product C     156
dtype: int64
```

## Step 5 Apply the index attribute to verify this is an index object containing string values

```
series_2.index
```

```
Index(['Product A', 'Product B', 'Product C'], dtype='object')
```

Start your 365 Journey!