Create objects, DataFrames and Series in Python using Pandas

Creating Objects in Python

Creating a basic object:

```
In [1]:
    class Dog:
        def __init__(self, name, age):
            self.name = name
            self.age = age

        def bark(self):
            return f"{self.name} says woof!"

# Creating an instance of Dog
my_dog = Dog(name="Buddy", age=5)
print(my_dog.bark())

Buddy says woof!
```

Creating a Pandas DataFrame

Creating a DataFrame from a dictionary:

Creating a DataFrame from a list of lists:

Creating a Pandas Series

Creating a Series from a list:

dtype: int64

```
In [4]: # Creating a Series from a list
data = [10, 20, 30, 40, 50]
series = pd.Series(data)
print(series)

0    10
1    20
2    30
3    40
4    50
```

Creating a Series from a dictionary:

```
In [5]: # Creating a dictionary
data = {'a': 10, 'b': 20, 'c': 30}

# Creating a Series from the dictionary
series = pd.Series(data)
print(series)

a    10
b    20
c    30
dtype: int64
In []:
```

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