Pandas:
Python Code Drill Day
Day 1

FinTech

Lesson 2.3

For Loop Anatomy

For Loop Anatomy

Defining the `for` statement with a variable and iterator:

```
1

2

3    for x in range(10):

4        print(x)

5

6

7

8

9
```

For Loop Anatomy

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```
1

2

3    for x in range(10):

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```
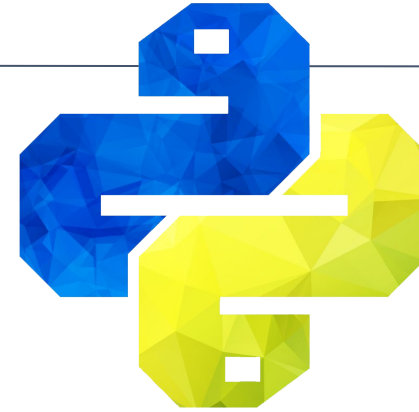
Using `for` defines the statement. A variable `x` is required. This receives each value from the iterator. The iterator `range(10)` is required and is used to repeat the loop.

Function Anatomy

Defining the `for` statement with a variable and iterator:

```
1

2

3    for x in range(10):

4        print(x)

5

6

7

8

9
```

The code block `print(x)` underneath the `for` statement is repeated with each iteration.

Function Anatomy

Showcasing the Python iterator and output:

```
1
2
3    for x in range(10):
4        print(x)
5
6
7
8
9
```

```
[1]: for x in range(10):
         print(x)

     0
     1
     2
     3
     4
     5
     6
     7
     8
     9
```

Questions?