Python for Data Analytics

Functions

print("Python is awesome")

print("I am awesome")

Two different statements but the same type of statements.

Functions

print(Python is awesome) – 1000 times

Printing different types of statements

Loops

Functions

Functions

What is a function?

1. Re-usable piece of code.

2. Created for solving specific problem.

Built – in functions	User defined functions

print(), range(), min(), max() etc.

Area_of_circle()

Functions

Syntax for defining a function

Example

```
def function_name(arguments):

        statement 1

        statement 2

        .........

        .........

        ........

        return statement
```
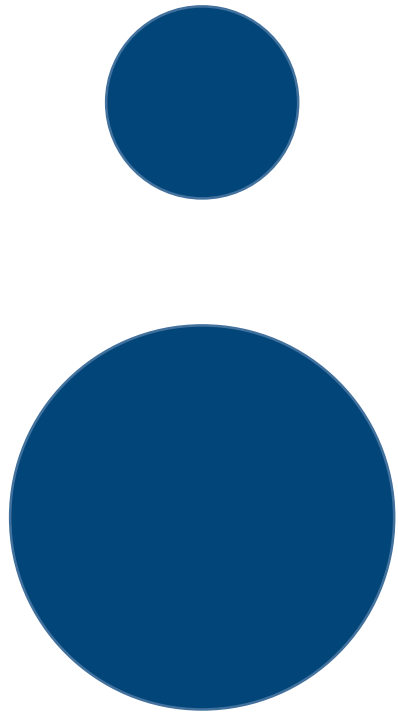
```
def area_circle(radius):

        area = 3.14 * r * r

        return area
```

Functions

Radius = 1 cm
area_circle(1)

Radius = 3 cm
area_circle(3)

Thank You