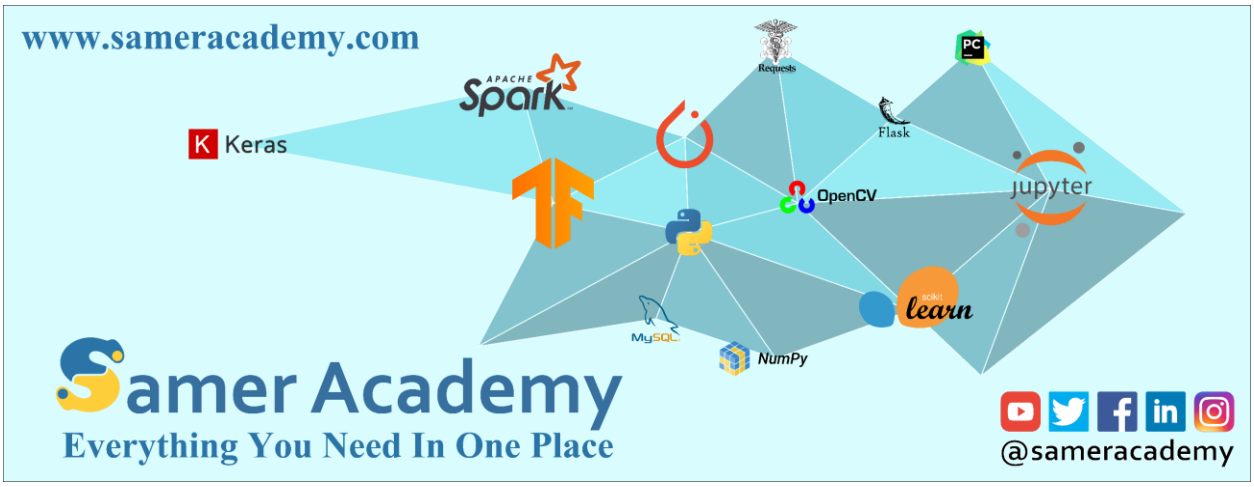


# math Module

| Function | Description |
|---|---|
| math.exp(x: int or float) -> float | Returns the value of $E^x$, where E is Euler's number (approximately 2.718281...), and x is the number passed to it. |
| math.fabs(x: float) -> float | Returns the absolute value of the float x. |
| math.sqrt(x: int or float) -> int or float | Returns the square root of x. |
| math.pow(x: int or float, y: int) **->** int or float | Returns the value of x to the power of y. |
| math.log(x: int or float, base: int or float=math.e) -> int or float | Returns the logarithm of x to the given base. |
| math.ceil(x:float) -> int | Rounds a number upwards to the nearest integer, and returns the result. |
| math.floor(x:float) -> int | Rounds a number downwards to the nearest integer, and returns the result. |

| Function | Description |
|---|---|
| math.sin(x:int or float) -> int or float | Returns the sine of x. |
| math.cos(x:int or float) -> int or float | Returns the cosine of x. |
| math.tan(x:int or float) -> int or float | Returns the tangent of x. |
| math.degrees(x: float or int) -> int or float | Converts the value of x from radians to degrees |
| math.radians(x: float or int) -> int or float | Converts the value of x from degrees to radians |

| Constant | Description |
|---|---|
| math.e | Returns Euler's number (2.7182...) |
| math.pi | Returns PI (3.1415...) |

For more info about math Module visit:

https://docs.python.org/3/library/math.html

To find out more about Python, web development, and data science visit us on:


Contact us: