

# Python for Data Science

## ➤ MCQ questions with answers

**Q1.** Which of the following is **NOT** allowed as a variable name in Python?

- a) `employee_name`
- b) `_salary`
- c) `2value`
- d) `value2`

**Answer: c) 2value**

**Q2.** What is the output of the following code?

```
x = 10
```

```
print(type(x) is int)
```

- a) `int`
- b) `True`
- c) `False`
- d) `10`

**Answer: b) True**

## ➤ Descriptive Questions with answers

1). I have an excel sheet that has string values and I need to convert to float. But I'm getting an error `Valueerror: could convert string to float`. what to do in such cases?

Ans. Not all string values can be converted to float. String values like `'2'` can be converted to float since these are numerical values enclosed between quotes. However if you have a string value `'ABC'` you will not be able to convert them to float.

2)What is the difference between data science and big data analytics?

Ans. Data science is a multidisciplinary blend of data inference, algorithm development, and technology in order to solve analytically complex problems. Big data analytics is the use of advanced analytic techniques against very large, diverse data sets that include structured, semi-structured and unstructured data, from different sources, and in different sizes from terabytes to zettabytes.