Assignment-1Assignment Questions

Assignment

Q1. Create one variable containing following type of data:

(i) string

(ii) list

(iii) float

(iv) tuple

Q2. Given are some following variables containing data:

(i) var1 = ‘ ‘

(ii) var2 = ‘[ DS , ML , Python]’

(iii) var3 = [ ‘DS’ , ’ML’ , ‘Python’ ]

(iv) var4 = 1.

What will be the data type of the above given variable.

Q3. Explain the use of the following operators using an example:

(i) /

(ii) %

(iii) //

(iv) \*\*

Q4. Create a list of length 10 of your choice containing multiple types of data. Using for loop print the element and its data type.

Q5. Using a while loop, verify if the number A is purely divisible by number B and if so then how many times it can be divisible.

Q6. Create a list containing 25 int type data. Using for loop and if-else condition print if the element is divisible by 3 or not.

Q7. What do you understand about mutable and immutable data types? Give examples for both showing this property.

Note:  Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.

Data Science Masters 2.0