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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Data Science for Engineers (course)


Course outline

How does an NPTEL online course work?

Setup Guide

Pre Course Material

Week 0

Week 1

● Data science for engineers Course philosophy and expectation (unit? unit=22&lesson=23)

● Introduction to R (unit? unit=22&lesson=24)

○ Introduction to R (Continued) (unit? unit=22&lesson=25)

● Variables and datatypes in R

Week 1: Practice Assignment 1

The due date for submitting this assignment has passed.

Due on 2021-08-18, 23:59 IST.

As per our records you have not submitted this assignment.

Note : This assignment is only for practice purpose and it will not be counted towards the Final score

1) State whether the following statements are **True or False**.

1 point

- I. Adding comments to the document will improve the readability of the code
- II. Inorder to comment/ un-comment lines of code in RStudio, select multiple lines of code using cursor then press Ctrl+shift+V

- ☐ I - True, II - True
☐ I - False, II - True
☐ I - True, II - False
☐ I - False, II - False

No, the answer is incorrect.

Score: 0

Accepted Answers:

I - True, II - False

2) Which of the following is **NOT** a basic data type in R?

1 point

- ☐ Logical
☐ Numeric
☐ Complex
☐ List

No, the answer is incorrect.

Score: 0

Accepted Answers:

List

(unit?
unit=22&lesson=26)

● Data frames
(unit?
unit=22&lesson=27)

○ Recasting and
joining of
dataframes
(unit?
unit=22&lesson=28)

● Arithmetic, Logical
and Matrix
operations in
R (unit?
unit=22&lesson=29)

● Advanced
programming
in R :
Functions
(unit?
unit=22&lesson=30)

○ Advanced
Programming
in R :
Functions
(Continued)
(unit?
unit=22&lesson=31)

● Control
structures
(unit?
unit=22&lesson=32)

○ Data
visualization in
R Basic
graphics (unit?
unit=22&lesson=33)

○ Common
doubts asked
on R
Language
(Week-1)
(unit?
unit=22&lesson=34)

○ Week 1
Feedback
Form: Data
Science for
Engineers
(unit?
unit=22&lesson=35)

○ Quiz: Week 1:
Practice

3) The command to check if a value is of numeric datatype is ---

1 point

- ☐ typeof()
☐ is.numeric()
☐ as.numeric()
☐ is.num()

No, the answer is incorrect.

Score: 0

Accepted Answers:

is.numeric()

4)

1 point

Match the following

I	c()	a.	Ordered collection of objects
II	Lists	b.	Generic data objects of R used to store tabular data
III	Dataframe	c.	Combines its arguments to form a vector

- ☐ I - a , II - c , III - b
☐ I - a , II - b , III - c
☐ I - c , II - a , III - b
☐ I - b , II - a , III - c

No, the answer is incorrect.

Score: 0

Accepted Answers:

I - c , II - a , III - b

5) Which of the following is **NOT** a valid variable name?

1 point

- ☐ Maths_hari=90
☐ _Maths=90
☐ Science@Divya=86
☐ Science.Mark=65

No, the answer is incorrect.

Score: 0

Accepted Answers:

_Maths=90

Science@Divya=86

Assignment 1 (assessment? name=120)
<input checked="" type="radio"/> Quiz: Week 1: Assignment 1 (assessment? name=128)
<input type="radio"/> Week 1: Solutions (unit? unit=22&lesson=135)
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
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