

Course outline

How does an NPTEL online course work?

Week 0

Week 1

- ☐ Introduction to data analytics
- ☐ Python Fundamentals - I
- ☐ Python Fundamentals - II
- ☐ Central Tendency and Dispersion - I
- ☐ Central Tendency and Dispersion - II
- ☐ Important Data Files
- ☒ Quiz: Week 1: Assignment 1
- ☐ Solution for week 1

Week 2

Week 3

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Week 1: Assignment 1

The due date for submitting this assignment has passed.

Due on 2023-02-08, 23:59 IST.

Assignment submitted on 2023-02-05, 11:08 IST

1) Statement: Descriptive Analytics, is the conventional form of Business Intelligence and data analysis.

1 point

- ☒ True
☐ False

Yes, the answer is correct.

Score: 1

Accepted Answers:

True

2) Which of the following is not an example of predictive analytics?

1 point

- ☐ Linear regression
☐ Time series analysis and forecasting
☒ Bar Graphs
☐ Data mining

Yes, the answer is correct.

Score: 1

Accepted Answers:

Bar Graphs

3) State true or False: Statement: Data can be numerical and categorical but cannot be continuous or discrete

1 point

- ☐ True
☒ False

Yes, the answer is correct.

Score: 1

Accepted Answers:

False

4) Which of the following is not an example of Ratio Data?

1 point

- ☐ Height
☒ Year
☐ Age
☐ Weight

Yes, the answer is correct.

Score: 1

Accepted Answers:

Year

5) Which of the following is a command to have a message appear on the screen?

1 point

- ☒ print
☐ Input
☐ Write
☐ Msg

Yes, the answer is correct.

Score: 1

Accepted Answers:

print

6) What is the output from this print() function call: print(' \$100 \$200 \$300'.count('\$'), '\$100 \$200 \$300'.count('\$', 5, 10), '\$100 \$200 \$300'.count('\$', 5))

1 point

- ☒ 3 1 0
☐ 3 1 1
☐ 3 1 2
☐ 3 1 3

No, the answer is incorrect.

Score: 0

Accepted Answers:

3 1 2

7) Median is not applicable to

1 point

- ☐ Ordinal
☐ Interval
☒ Nominal
☐ None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

Nominal

8) State True or false: Statement: data can be generated by machines but not by humans.

1 point

- ☐ True

☐ True
☒ False

Yes, the answer is correct.

Score: 1

Accepted Answers:

False

9) Which one of the following is not a classification of Data Analytics?

1 point

- ☐ Diagnostic analytics
☒ Deceptive analytics
☐ Predictive analytics
☐ Prescriptive analytics

Yes, the answer is correct.

Score: 1

Accepted Answers:

Deceptive analytics

10) For getting 2nd, 4th & 7th row of a dataframe "df" in Python programming, we can write:

1 point

- ☐ df.loc[2,3,5]
☐ df.loc[[1,3,6]]
☐ df.iloc[2,4,7]
☒ None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

df.loc[[1,3,6]]

