

BMAN73701 Programming in Python for Business Analytics 2023-24 1st Semester

Course Content Week 4, Lecture 1 (Xian Yang): Intro to Pandas and Data Visualisation

Review Test Submission: Self-check: L7-Data Visualisation

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Course	BMAN73701 Programming in Python for Business Analytics 2023-24 1st Semester
Test	Self-check: L7-Data Visualisation
Started	29/11/23 09:26
Submitted	29/11/23 09:28
Status	Completed
Attempt Score	11.66666 out of 30 points
Time Elapsed	1 minute
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback

Question 1

1.66666 out of 10 points

When programming visualisations, what order should you follow?

Answers

- ✓ 1. Think about the problem you are trying to solve
- ✓ 2. Explore the data that you have
- ✓ 3. Search for or think about the best visualisation for your problem
- ✓ 4. Transform the data
- ✓ 5. Create a simple visualisation

Selected Answer

- ✗ 1. Explore the data that you have
- ✗ 2. Think about the problem you are trying to solve
- ✗ 3. Transform the data
- ✗ 4. Create a simple visualisation
- ✗ 5. Search for or think about the best visualisation for your problem

← OK

✔ 6. Create a pretty visualisation

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Question 2

10 out of 10 points

3D effects make visualisations look professional

Selected Answer: ✔ False

Answers: True

✔ False

Response Correct!

Feedback:

3D effects often make a visualisation harder to understand, they often do not reflect any feature of the data, and when they do, they are often more confusing than helpful because volumes and perspectives are difficult for humans to evaluate when printed on 2D. Unless your intention is to mislead, they are best avoided.

Question 3

0 out of 10 points

The power of programming visualisations in a language like Python is that you can copy and paste your code many times to customise and create many variations of the same visualisation.

Selected Answer: ✘ True

Answers: True

✔ False

Response Incorrect!

Feedback:

Copying and pasting code is fine for one-shot visualisations, however, the real power of programming visualisations is re-usability, that is, programming your own general and flexible functions that you can re-use to create many plots with minimal code duplication.

Wednesday, 29 November 2023 09:28:58 o'clock GMT