# Module 1 Quiz:
# Introduction to Data Science

1. Which task(s) do data scientists undertake?

A. Data Collection
B. Data Preprocessing
C. Data Visualization
D. Data Analytics and Application

Answer: ABCD
Explanation: See Lecture 1.10 slides.

2. Which skill(s) will mostly be needed to be a data scientist?

A. Analytical Skills
B. Programming
C. Math
D. Writing

Answer: ABC
Explanation: See Lecture 1.10 slides.

3. What are some of the challenges to become a successful data scientist?

A. Data Privacy, Veracity, Unavailability
B. Limitations of tools to scale/deploy
C. Lacking programming skills
D. Wrong Questions Asked

Answer: ABD
Explanation: See Lecture 1.10 slides.

4. Generally speaking, companies hiring data scientists are looking for a person who possesses a broad spectrum of data skills (e.g., visualization, machine learning/data mining, statistics, etc.)

A. True
B. False

Answer: A

5. We are in the ___ wave of AI (Artificial Intelligence).

A. First
B. Second
C. Third

Answer: C

6. The analytics building blocks (data collection, cleaning, integration, analysis, visualization, presentation) are "steps" that we take when doing data analytics; once one such "step" is performed (e.g., data cleaning), there is no need to ever do it again (i.e., no need to clean the data again, since it is all cleaned up the first time)

A. True
B. False

Answer: B

7. "Analytics building blocks" are rigid steps that anyone should follow when performing data analysis.

A. True
B. False

Answer: B