



# Graded Quiz

TOTAL POINTS 5

1. A modern data ecosystem includes a network of continually evolving entities. It includes:

1 point

- ☐ Data providers, databases, and programming languages
- ☒ Data sources, enterprise data repository, business stakeholders, and tools, applications, and infrastructure to manage data
- ☐ Data sources, databases, and programming languages
- ☐ Social media sources, data repositories, and APIs

2. Data Analysts work within the data ecosystem to:

1 point

- ☒ Gather, clean, mine, and analyze data for deriving insights
- ☐ Provide business intelligence solutions by monitoring data on different business functions
- ☐ Build Machine Learning or Deep Learning models
- ☐ Develop and maintain data architectures

3. When we analyze data in order to understand why an event took place, which of the four types of data analytics are we performing?

1 point

- ☐ Predictive Analysis
- ☐ Prescriptive Analysis
- ☐ Descriptive Analysis
- ☒ Diagnostic Analysis

4. The first step in the data analysis process is to gain an in-depth understanding of the problem and the desired outcome. What are you seeking answers to at this stage of the data analysis process?

1 point

- ☐ The best tools for sourcing data
- ☒ Where you are and where you need to be
- ☐ What will be measured and how it will be measured
- ☐ The data you need

5. From the provided list, select the three emerging technologies that are shaping today's data ecosystem.

1 point

- ☐ Cloud Computing, Internet of Things, and Dashboarding
- ☐ Big Data, Internet of Things, and Dashboarding
- ☐ Machine Language, Cloud Computing, and Internet of Things
- ☒ Cloud Computing, Machine Learning, and Big Data

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