

✓ **Congratulations! You passed!**
TO PASS 70% or higher

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GRADE
100%

Graded Quiz

LATEST SUBMISSION GRADE

100%

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

1 / 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

✓ **Correct**

These are the key entities of a modern data ecosystem.



Congratulations!

You just completed the most difficult assignment in the course! You should feel proud of all of your hard work and success.

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work within the data ecosystem to:

1 / 1 point

- ☐ gather, clean, mine, and analyze data for deriving insights
- ☐ create business intelligence solutions by monitoring data on different business functions
- ☐ train Machine Learning or Deep Learning models
- ☐ design and maintain data architectures

✓ **Correct**

The role of a Data Analyst in a data ecosystem is to gather, clean, mine, and analyze data to derive insights.

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 / 1 point

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

✓ **Correct**

Diagnostic Analysis helps us understand why an event took place—the cause of an outcome.

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 / 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

✓ **Correct**

As a first step in the Data Analysis process, you are seeking answers to “where you are”; that is, what is the problem that needs to be solved, and “where you need to be”, that is, what is the desired outcome that needs to be achieved.

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

1 / 1 point

☐ Cloud Computing, Internet of Things, and Dashboarding

☐ Big Data, Internet of Things, and Dashboarding



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language, Cloud Computing, and Internet of Things

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g technologies such as Cloud Computing, Machine Learning, and Big Data are shaping today's data em and its possibilities.