As a candidate for this exam, you should have subject matter expertise in integrating, transforming, and consolidating data from various structured, unstructured, and streaming data systems into a suitable schema for building analytics solutions.

As an Azure data engineer, you help stakeholders understand the data through exploration, and build and maintain secure and compliant data processing pipelines by using different tools and techniques. You use various Azure data services and frameworks to store and produce cleansed and enhanced datasets for analysis. This data store can be designed with different architecture patterns based on business requirements, including:

- Modern data warehouse (MDW)
- Big data
- Lakehouse architecture

As an Azure data engineer, you also help to ensure that the operationalization of data pipelines and data stores are high-performing, efficient, organized, and reliable, given a set of business requirements and constraints. You help to identify and troubleshoot operational and data quality issues. You also design, implement, monitor, and optimize data platforms to meet the data pipelines.

As a candidate for this exam, you must have solid knowledge of data processing languages, including:

- SQL
- Python
- Scala

You need to understand parallel processing and data architecture patterns. You should be proficient in using the following to create data processing solutions:

- Azure Data Factory
- Azure Synapse Analytics
- Azure Stream Analytics
- Azure Event Hubs
- Azure Data Lake Storage
- Azure Databricks

You may be eligible for ACE college credit if you pass this certification exam. See ACE college credit for certification exams for details.

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> ⓘ **Important**
>
> The English language version of this exam will be updated on November 2, 2023. Review the study guide linked in the "Tip" box for details on upcoming changes. If a localized version of this exam is available, it will be updated approximately eight weeks after this date. While Microsoft makes every effort to update localized versions as noted, there may be times when the localized versions of this exam are not updated on this schedule.
>
> Passing score: 700. **Learn more about exam scores.**

> ♡ **Tip**
>
> - Watch **DP-203 exam prep videos** on Learn
> - Review the **DP-203 study guide** ↗ to help you prepare for the exam
> - Demo the exam experience by visiting our **exam sandbox** ↗

Part of the requirements for: Microsoft Certified: Azure Data Engineer Associate
Related exams: none

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