



## Matillion Data Productivity Cloud Foundations Certification

This foundational certification will highlight your expertise at handling the key processes and core practical tasks within the Data Productivity Cloud, distinguishing you as a leader within the data community.

Below are the snapshots of **LIVE** questions that have been asked in the exam.

4. Where can you add a new account to your existing subscription?

- A. ☐ Designer → Add users
- B. ☐ My Accounts → Add new account
- C. ☐ My Hub → Add subscription
- D. ☒ My Hub → Add new account

☐ Mark this item for later review.

5. Your account region, which contains your data and resources, can be changed after your Hub account is provisioned.

- A. ☐ True
- B. ☒ False

☐ Mark this item for later review.

8. Which of the below serves as a bridge between the data plane and the centralized platform, enabling the execution and scheduling of compatible pipelines.

- A. ☒ Agents
- B. ☐ The Hub
- C. ☐ Designer
- D. ☐ Custom Connector

☐ Mark this item for later review.

9. Describe the major steps required to set up a CDC Pipeline:

- A. ☐ Configure source database, agent, secrets manager and destination
- B. ☐ Configure source cloud storage, agent, target storage and data warehouse
- C. ☒ Configure source data warehouse, agent, secrets and target data warehouse
- D. ☐ Configure source cloud storage, agent, target database and secrets

☐ Mark this item for later review.

10. What is the difference between the SQL Script component in Orchestration pipelines and the SQL component in Transformation pipelines?

- A. ☐ They are the same but for different pipelines.
- B. ☐ SQL Script works for all statements, SQL works only for SELECT statements.
- C. ☒ SQL Script works for all non-SELECT statements, SQL works only for SELECT statements.
- D. ☐ SQL Script works for all statements, SQL works only for database-specific statements.

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11. Which Input component would you use to create bespoke rows of data on-the-fly from within a transformation job?

- A. ☐ Table Input
- B. ☐ Generate Sequence
- C. ☒ Fixed Flow
- D. ☐ Stream Input

☐ Mark this item for later review.

12. The If component has Simple and Advanced modes. Which of the following describes these best?

- A. ☐ Simple uses a UI to create conditions. Advanced uses a Python expression.
- B. ☐ Simple uses a UI to create conditions. Advanced uses a JavaScript expression.
- C. ☒ Simple uses a UI to create conditions. Advanced uses an SQL statement.
- D. ☐ Both Simple and Advanced use the code editor but Advanced includes options for variables and modules.

☐ Mark this item for later review.

14. In Designer, where can connector components be found?

- A. ☐ In transformation pipelines.
- B. ☒ In orchestration pipelines.
- C. ☐ In the Task History panel.
- D. ☐ In the Project bar.

☐ Mark this item for later review.

15. dbt is supported through the dbt Core component. Which of the following describes this component's 'run' command best?

- A. ☐ It lets you run dbt models as defined within the Data Productivity Cloud's Designer.
- B. ☒ It lets you run dbt models stored within a GitHub repository.
- C. ☐ It lets you run dbt commands such as 'clean' and 'list'.
- D. ☐ A model can be written into the 'model' property of that same component which is then used by the 'run' command.

☐ Mark this item for later review.

1. Which type of data has the information about your data, such as designs and pipeline configurations?

- A. ☒ Matillion metadata.
- B. ☐ Customer metadata.
- C. ☐ Customer data.
- D. ☐ None of the above.

☐ Mark this item for later review.

2. The two broad types of metadata in the Data Productivity Cloud are Customer metadata and Matillion metadata. Which of the following counts as Customer metadata?

- A. ☒ Data warehouse table names
- B. ☐ Customer names and contact numbers
- C. ☐ Telemetry on component usage
- D. ☐ Designs and pipeline configurations

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3. If you are a user with administrative privileges and need to give non-administrative access to another user, which permissions should you assign to this person?

- A. ☐ No access
- B. ☒ User
- C. ☐ Administrator
- D. ☐ None of the above

☐ Mark this item for later review.

6. Which type of data loaded from a source system and can be loaded into a data warehouse?

- A. ☐ Matillion metadata
- B. ☐ Customer metadata
- C. ☒ Customer data
- D. ☐ None of the above

☐ Mark this item for later review.

7. The \_\_\_\_\_ serves as the infrastructure or environment where the agent instances operate. The agent instances, when deployed within the \_\_\_\_\_, collectively form the agent.

- A. ☐ Hub
- B. ☒ Data plane
- C. ☐ Designer
- D. ☐ Data Loader

☐ Mark this item for later review.

13. The Pinecone Query component aids in RAG (Retrieval Augmented Generation) but AI prompt components already have RAG configuration options. Why would you use Pinecone Query before an AI prompt component in a Pipeline?

- A. ☐ It is computationally faster to separate these processes into two components.
- B. ☐ Pinecone cannot be used within an AI prompt component as a vector database.
- C. ☒ AI Prompt components can be configured to include a single specified RAG document source but you may want to include multiple.
- D. ☐ RAG config options only work when preempted by a RAG component such as Pinecone Query.

☐ Mark this item for later review.

16. What is the main function of a connector in the Data Productivity Cloud?

- A. ☒ Extract data from a data source to be pushed into a data warehouse table.
- B. ☐ Manage the access to your organization's account.
- C. ☐ Connect to your data warehouse to transform data.
- D. ☐ Manage the connection to your scheduled pipelines.

☐ Mark this item for later review.

17. Custom connectors can:

- A. ☒ Connect to REST and SOAP APIs and ingest JSON data.
- B. ☐ Connect to REST APIs and ingest JSON data.
- C. ☐ Connect to REST APIs and ingest XML data.
- D. ☐ Connect to REST APIs and ingest JSON and XML data.

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18. If you wish to use multiple endpoints of the same API through Custom Connector, you should:

- A. ☐ Make multiple connectors, one for each endpoint
  - B. ☒ Define multiple endpoints within a single custom connector
  - C. ☐ Specify multiple endpoints into the custom connector component in Designer
  - D. ☐ Use variables to map to different endpoints
- ☐ Mark this item for later review.

19. Which data warehouses does Data Loader Batch currently support?

- A. ☒ Snowflake, Delta Lake on Databricks, Amazon Redshift, and Google Bigquery
  - B. ☐ Snowflake and Delta Lake on Databricks
  - C. ☐ Snowflake and Redshift
  - D. ☐ Only Snowflake
- ☐ Mark this item for later review.

20. How does Schema Drift support handle missing columns in the source data?

- A. ☐ It automatically adds the missing columns to the pipeline configuration.
  - B. ☒ It loads missing columns as NULL values.
  - C. ☐ It halts the pipeline execution until the missing columns are added manually.
  - D. ☐ It removes the affected rows from the dataset.
- ☐ Mark this item for later review.

21. Which of the following rely on agents to perform their functions, with each having its own respective agent?

- A. ☐ Transformation and orchestration pipelines
  - B. ☐ Designer and Data Loader (CDC)
  - C. ☐ Hub and Billing
  - D. ☒ Matillion ETL and Data Loader (Batch)
- ☐ Mark this item for later review.

22. Designer requires an agent to execute tasks. When using a \_\_\_\_\_, an agent is provided that can be used without any setup required from the user.

- A. ☒ Matillion Full SaaS solution
  - B. ☐ API connection
  - C. ☐ Pre-manual configuration
  - D. ☐ Matillion Hybrid SaaS solution
- ☐ Mark this item for later review.

23. What resources are available for help learning the Data Productivity Cloud?

- A. ☒ docs.matillion.com, academy.matillion.com, community.matillion.com and support.matillion.com
  - B. ☐ help.matillion.com, academy.matillion.com, community.matillion.com and support.matillion.com
  - C. ☐ docs.matillion.com, learn.matillion.com, community.matillion.com and support.matillion.com
  - D. ☐ docs.matillion.com, academy.matillion.com, community.matillion.com and help.matillion.com
- ☐ Mark this item for later review.

25. Three of the GIT actions allowed in Designer are:

- A. ☒ Commit, Push, Pull
  - B. ☐ Commit, Publish, Truncate
  - C. ☐ Commit, Edit, Status
  - D. ☐ Commit, Truncate, Hold
- ☐ Mark this item for later review.





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26. Which actions can be done from the context menu?

- A. ☒ Copy/paste components and add notes
- B. ☐ Add transformation components and add orchestration components
- C. ☐ Create and delete pipelines
- D. ☐ Commit and merge changes

☐ Mark this item for later review.

30. The Data Productivity Cloud supports OAuth 2.0 for connector components connecting to which of the below third-party services?

- A. ☐ Azure, Snowflake, Google, Zendesk
- B. ☐ Bing, Google, AWS, Snowflake
- C. ☒ Google, Hubspot, Facebook, Salesforce
- D. ☐ Salesforce, Bing, Snapchat, Databricks

☐ Mark this item for later review.

24. Which Git action in Designer allows you to return to your last local commit, discarding any uncommitted changes in your local branch.

- A. ☐ Rollback
- B. ☒ Hard reset
- C. ☐ Rebase
- D. ☐ Redo

☐ Mark this item for later review.

27. \_\_\_\_\_ form the group of resources that Designer uses when running your orchestration and transformation pipelines.

- A. ☐ Branches
- B. ☐ Secrets
- C. ☒ Projects
- D. ☐ Schedules

☐ Mark this item for later review.

28. Which of the following is an invalid Pipeline variable name?

- A. ☐ \_my\_table\_02
- B. ☒ 02\_my\_table
- C. ☐ my\_table\_02
- D. ☐ my\_table\_02\_

☐ Mark this item for later review.

29. Which best describes the process of creating OAuths for use in Designer?

- A. ☐ OAuths are project-wide and available only to specific connector providers.
- B. ☐ OAuths are branch-wide and can be created generically, although some connectors have no option to use them.
- C. ☒ OAuths are account-wide and available only to specific connector providers.
- D. ☐ OAuths are tied to the user who created and can be created generically, although some connectors have no option to use them.

☐ Mark this item for later review.

31. Which of the following best describes schedules in the Data Productivity Cloud?

- A. ☐ Schedules let you repeat common tasks such as cleaning up old branches and refreshing OAuth tokens
- B. ☐ Schedules are specialized incremental-load pipelines
- C. ☐ Schedules alert users to perform actions at defined intervals
- D. ☒ Schedules let you run pipelines at defined intervals

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33. Which best describes the flow of an orchestration pipeline?

- A. ☒ The flow begins at a 'Start' component and must end at an 'End' component
- B. ☐ The flow begins at a 'Start' component and stops where there are no further connections
- C. ☐ The flow begin at any component without a preceding component and must terminate with an 'End' component
- D. ☐ The flow begin at any component without a preceding component and stops where there are no further connections

☐ Mark this item for later review.

34. Once your Credit Based Trial ends, you will need to subscribe to a Data Productivity Cloud paid plan, for which you will be required to choose one of the following editions:

- A. ☐ Daily, Monthly, Yearly
- B. ☐ Basic, Custom, Professional
- C. ☐ Associate, Practitioner, Enterprise
- D. ☒ Basic, Advanced, Enterprise

☐ Mark this item for later review.

35. Select all available options to authenticate for multi-factor authentication?

- A. ☐ Using a third-party authenticator app
- B. ☐ Providing a secure key
- C. ☒ Using a third-party authenticator app or providing a secure key
- D. ☐ Single Sign-On (SSO) with your legacy system

☐ Mark this item for later review.

37. Matillion Credits are allocated for use across:

- A. ☐ Only the Data Productivity Cloud
- B. ☐ Only Matillion ETL
- C. ☒ The Data Productivity Cloud and Matillion ETL
- D. ☐ Only Data Loader Batch and CDC

☐ Mark this item for later review.

38. When inspecting a transformation pipeline execution from the data lineage canvas, what does the 'By' field mean?

- A. ☐ The name of the user who authored this transformation pipeline.
- B. ☒ The name of the user or the name of the parent pipeline that executed this transformation pipeline.
- C. ☐ The name of the user or the name of the schedule that executed this transformation pipeline.
- D. ☐ The name of the parent pipeline or name of the schedule that executed this transformation pipeline.

☐ Mark this item for later review.

39. After choosing an edition, available subscriptions are Pay-Go, Monthly and Yearly. Which of the following is correct?

- A. ☒ Credit discounts apply to Monthly and Yearly subscriptions
- B. ☐ Credit discounts are only available with Pay-Go subscriptions
- C. ☐ Only Monthly and Yearly subscriptions can be managed via the Azure and AWS Marketplaces
- D. ☐ Only Pay-Go subscriptions can be managed via the Azure and AWS Marketplaces

☐ Mark this item for later review.

32. Which of the following best describes a secret definition?

- A. ☐ A password associated with a particular service and used in that service's components
- B. ☐ A secret stored on the Data Productivity Cloud
- C. ☒ A named reference to a secret stored in Matillion's or a customer's cloud platform
- D. ☐ A type of variable which cannot be printed in plaintext

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36. Where in the Hub can you view the pipeline run history and a list of your Matillion ETL instances?

A. ☐ Flow Execution panel  
B. ☐ Tasks Visibility Center  
C. ☒ Pipeline Observability dashboard  
D. ☐ Jobs Monitor

☐ Mark this item for later review.

40. In the Pipeline Observability service, pipeline runs can have which statuses?

A. ☐ Running, Successful, and Failed  
B. ☐ Running, Successful, Failed, and Queued  
C. ☒ Running, Successful, Failed, Queued, and Terminated  
D. ☐ Running, Successful, Ended, and Paused

☐ Mark this item for later review.

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\*\*\*\*\* Thank You \*\*\*\*\*