

## CERT-PASS

## dbt dbt Analytics Engineering

## Free Practice Questions Preview

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**Question 1 : Topic 1: Developing dbt models**

A BigQuery project has a staging model `stg_accounts` and a mart model `fact_accounts`. The mart currently queries `analytics_dev.stg_accounts` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_accounts')`
- B. Replace the model with a seed named `stg_accounts`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

`ref()` resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 2 : Topic 1: Developing dbt models**

A BigQuery project has a staging model `stg_assets` and a mart model `fact_assets`. The mart currently queries `analytics_dev.stg_assets` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_assets')`
- B. Replace the model with a seed named `stg_assets`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

`ref()` resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 3 : Topic 1: Developing dbt models**

A BigQuery project has a staging model `stg_campaigns` and a mart model `fact_campaigns`. The mart currently queries `analytics_dev.stg_campaigns` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_campaigns')`
- B. Replace the model with a seed named `stg_campaigns`

- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

#### Question 4 : Topic 1: Developing dbt models

A BigQuery project has a staging model `stg_contracts` and a mart model `fact_contracts`. The mart currently queries `analytics_dev.stg_contracts` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_contracts')`
- B. Replace the model with a seed named `stg_contracts`
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

#### Question 5 : Topic 1: Developing dbt models

A BigQuery project has a staging model `stg_impressions` and a mart model `fact_impressions`. The mart currently queries `analytics_dev.stg_impressions` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_impressions')`
- B. Replace the model with a seed named `stg_impressions`
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

#### Question 6 : Topic 1: Developing dbt models

A BigQuery project has a staging model `stg_inventory` and a mart model `fact_inventory`. The mart currently queries `analytics_dev.stg_inventory` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_inventory')`
- B. Replace the model with a seed named `stg_inventory`
- C. Move the SQL into profiles.yml

D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 7 : Topic 1: Developing dbt models

A BigQuery project has a staging model `stg_invoices` and a mart model `fact_invoices`. The mart currently queries `analytics_dev.stg_invoices` directly. What is the best change before promoting to production?

**A. Replace the hard-coded relation with `ref('stg_invoices')`**

B. Replace the model with a seed named `stg_invoices`

C. Move the SQL into `profiles.yml`

D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 8 : Topic 1: Developing dbt models

A BigQuery project has a staging model `stg_line_items` and a mart model `fact_line_items`. The mart currently queries `analytics_dev.stg_line_items` directly. What is the best change before promoting to production?

**A. Replace the hard-coded relation with `ref('stg_line_items')`**

B. Replace the model with a seed named `stg_line_items`

C. Move the SQL into `profiles.yml`

D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 9 : Topic 1: Developing dbt models

A BigQuery project has a staging model `stg_page_views` and a mart model `fact_page_views`. The mart currently queries `analytics_dev.stg_page_views` directly. What is the best change before promoting to production?

**A. Replace the hard-coded relation with `ref('stg_page_views')`**

B. Replace the model with a seed named `stg_page_views`

C. Move the SQL into `profiles.yml`

D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 10 : Topic 1: Developing dbt models

A BigQuery project has a staging model stg\_payments and a mart model fct\_payments. The mart currently queries analytics\_dev.stg\_payments directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_payments')
- B. Replace the model with a seed named stg\_payments
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 11 : Topic 1: Developing dbt models

A BigQuery project has a staging model stg\_product\_views and a mart model fct\_product\_views. The mart currently queries analytics\_dev.stg\_product\_views directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_product\_views')
- B. Replace the model with a seed named stg\_product\_views
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 12 : Topic 1: Developing dbt models

A BigQuery project has a staging model stg\_refunds and a mart model fct\_refunds. The mart currently queries analytics\_dev.stg\_refunds directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_refunds')
- B. Replace the model with a seed named stg\_refunds
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 13 : Topic 1: Developing dbt models**

A BigQuery project has a staging model stg\_transactions and a mart model fct\_transactions. The mart currently queries analytics\_dev.stg\_transactions directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_transactions')
- B. Replace the model with a seed named stg\_transactions
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 14 : Topic 1: Developing dbt models**

A BigQuery project has a staging model stg\_usage\_events and a mart model fct\_usage\_events. The mart currently queries analytics\_dev.stg\_usage\_events directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_usage\_events')
- B. Replace the model with a seed named stg\_usage\_events
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 15 : Topic 1: Developing dbt models**

A BigQuery project has a staging model stg\_vendors and a mart model fct\_vendors. The mart currently queries analytics\_dev.stg\_vendors directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_vendors')
- B. Replace the model with a seed named stg\_vendors
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 16 : Topic 1: Developing dbt models**

A Databricks project has a staging model stg\_accounts and a mart model fct\_accounts. The mart currently queries analytics\_dev.stg\_accounts directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_accounts')
- B. Replace the model with a seed named stg\_accounts
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 17 : Topic 1: Developing dbt models**

A Databricks project has a staging model stg\_ad\_spend and a mart model fct\_ad\_spend. The mart currently queries analytics\_dev.stg\_ad\_spend directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_ad\_spend')
- B. Replace the model with a seed named stg\_ad\_spend
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 18 : Topic 1: Developing dbt models**

A Databricks project has a staging model stg\_assets and a mart model fct\_assets. The mart currently queries analytics\_dev.stg\_assets directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with ref('stg\_assets')
- B. Replace the model with a seed named stg\_assets
- C. Move the SQL into profiles.yml
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 19 : Topic 1: Developing dbt models

A Databricks project has a staging model `stg_campaigns` and a mart model `fact_campaigns`. The mart currently queries `analytics_dev.stg_campaigns` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_campaigns')`
- B. Replace the model with a seed named `stg_campaigns`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 20 : Topic 1: Developing dbt models

A Databricks project has a staging model `stg_inventory` and a mart model `fact_inventory`. The mart currently queries `analytics_dev.stg_inventory` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_inventory')`
- B. Replace the model with a seed named `stg_inventory`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 21 : Topic 1: Developing dbt models

A Databricks project has a staging model `stg_leads` and a mart model `fact_leads`. The mart currently queries `analytics_dev.stg_leads` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_leads')`
- B. Replace the model with a seed named `stg_leads`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 22 : Topic 1: Developing dbt models**

A Databricks project has a staging model `stg_line_items` and a mart model `fct_line_items`. The mart currently queries `analytics_dev.stg_line_items` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_line_items')`
- B. Replace the model with a seed named `stg_line_items`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 23 : Topic 1: Developing dbt models**

A Databricks project has a staging model `stg_opportunities` and a mart model `fct_opportunities`. The mart currently queries `analytics_dev.stg_opportunities` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_opportunities')`
- B. Replace the model with a seed named `stg_opportunities`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 24 : Topic 1: Developing dbt models**

A Databricks project has a staging model `stg_payments` and a mart model `fct_payments`. The mart currently queries `analytics_dev.stg_payments` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_payments')`
- B. Replace the model with a seed named `stg_payments`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 25 : Topic 1: Developing dbt models**

A Databricks project has a staging model `stg_product_views` and a mart model `fact_product_views`. The mart currently queries `analytics_dev.stg_product_views` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_product_views')`
- B. Replace the model with a seed named `stg_product_views`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 26 : Topic 1: Developing dbt models**

A Databricks project has a staging model `stg_renewals` and a mart model `fact_renewals`. The mart currently queries `analytics_dev.stg_renewals` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_renewals')`
- B. Replace the model with a seed named `stg_renewals`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 27 : Topic 1: Developing dbt models**

A Databricks project has a staging model `stg_webhooks` and a mart model `fact_webhooks`. The mart currently queries `analytics_dev.stg_webhooks` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_webhooks')`
- B. Replace the model with a seed named `stg_webhooks`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 28 : Topic 1: Developing dbt models**

A Postgres project has a staging model `stg_accounts` and a mart model `fact_accounts`. The mart currently queries `analytics_dev.stg_accounts` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_accounts')`
- B. Replace the model with a seed named `stg_accounts`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 29 : Topic 1: Developing dbt models**

A Postgres project has a staging model `stg_campaigns` and a mart model `fact_campaigns`. The mart currently queries `analytics_dev.stg_campaigns` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_campaigns')`
- B. Replace the model with a seed named `stg_campaigns`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 30 : Topic 1: Developing dbt models**

A Postgres project has a staging model `stg_impressions` and a mart model `fact_impressions`. The mart currently queries `analytics_dev.stg_impressions` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_impressions')`
- B. Replace the model with a seed named `stg_impressions`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 31 : Topic 1: Developing dbt models

A Postgres project has a staging model `stg_invoices` and a mart model `fact_invoices`. The mart currently queries `analytics_dev.stg_invoices` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_invoices')`
- B. Replace the model with a seed named `stg_invoices`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 32 : Topic 1: Developing dbt models

A Postgres project has a staging model `stg_leads` and a mart model `fact_leads`. The mart currently queries `analytics_dev.stg_leads` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_leads')`
- B. Replace the model with a seed named `stg_leads`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

### Question 33 : Topic 1: Developing dbt models

A Postgres project has a staging model `stg_orders` and a mart model `fact_orders`. The mart currently queries `analytics_dev.stg_orders` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_orders')`
- B. Replace the model with a seed named `stg_orders`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 34 : Topic 1: Developing dbt models**

A Postgres project has a staging model `stg_payments` and a mart model `fct_payments`. The mart currently queries `analytics_dev.stg_payments` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_payments')`
- B. Replace the model with a seed named `stg_payments`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

**Question 35 : Topic 1: Developing dbt models**

A Postgres project has a staging model `stg_renewals` and a mart model `fct_renewals`. The mart currently queries `analytics_dev.stg_renewals` directly. What is the best change before promoting to production?

- A. Replace the hard-coded relation with `ref('stg_renewals')`
- B. Replace the model with a seed named `stg_renewals`
- C. Move the SQL into `profiles.yml`
- D. Add a source freshness check to the mart only

**Answer: A**

ref() resolves the correct relation per target and records DAG dependencies. Hard-coding a development schema is brittle and source freshness does not connect dbt models.

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