

dbt dbt Analytics Engineering

Free Practice Questions Preview

Here are 35 sample questions to help you get started. Unlock the full exam to access all 65+ questions with detailed explanations.

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 fct_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 fct_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 fct_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 `fact_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 `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 12 : Topic 1: Developing dbt models

A BigQuery project has a staging model `stg_refunds` and a mart model `fact_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 `fact_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 `fact_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 `fact_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 fct_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 fct_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 fct_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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