

Publish Dataset with dbt

Publish your dataset with dbt Core™ model in Promethium



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Updated over a week ago

One of the three available ways to publish your dataset with Promethium is to publish as a dbt Model. Promethium makes working with dbt Core™ extremely easy. Just a few clicks, no coding or CLI. All the hard work is done for you.

dbt (data build tool) Core™ is an open source tool for data modification that uses select SQL statements. It allows you to construct complex models, use variables and macros (aka functions), run tests, generate documentation, and many more.

How to Publish dbt Core™ model

1. Select **dbt Model**. Look for the table name then click **Edit**.

Dashboard Data Explorer Answers Data Sources Projects **BETA** Get Started

bpsite02_datamap_1651220539608 datum 165122... datamap bpsite02

Directions Destinations Comments

dbt Model
Not Published, click here to configure destination

Configure TABLE NAME
bpsite02_datamap_1651220539608 Edit

Run Run Data Pipeline Edit

Use No Destination Usages. Edit

Activities

No Job History records found.

2. Select **Materialized Type** > click **Publish**.

Dashboard Data Explorer Answers Data Sources Projects **BETA** Get Started

bpsite02_datamap_1651220539608 datum 165122... datamap bpsite02

Directions Destinations Comments

dbt Model
Not Published, click here to configure destination

Destination Configuration Publish Done

DATASOURCE SCHEMA VIEW NAME
tonymaisnowflake JAFFLE_SHOP bpsite02_datamap_1651220539608

MATERIALIZED TYPE PROJECT
view project_tonymaisnow...

Status: - Last Published: -

Activities

Once *Published*, click **Done**.

The screenshot shows the Snowflake web interface. On the left sidebar, the 'dbt Model' section is highlighted. The main panel displays the 'Destination Configuration' for a model. The configuration includes:

- DATASOURCE:** tonymaisnowflake
- SCHEMA:** JAFFLE_SHOP
- VIEW NAME:** bpsite02_datamap_1651220539608
- MATERIALIZED TYPE:** view
- PROJECT:** project_tonymaisnow...
- Status:** Published (circled in red)
- Last Published:** April 29, 2022, 16:36 by B

At the top right of the configuration panel, there are 'Republish' and 'Done' buttons. The 'Done' button is circled in red. Below the configuration panel, there is an 'Activities' section with the message 'No Job History records found.'

3. Run the model by clicking on **Run** button.

The screenshot shows the Snowflake web interface with the 'runDbt' panel. The panel displays the following details:

- DESTINATION DETAILS:**
- Data Source:** tonymaisnowflake
- Schema:** JAFFLE_SHOP
- Table:** bpsite02_datamap_1651220539608
- Last Updated on:** April 29, 2022, 16:36 by B

At the top right of the runDbt panel, there are 'Run' and 'Done' buttons. The 'Run' button is circled in red. To the right of the details, there is a 'Schedule by' dropdown menu with options: None, Hourly, Daily, Weekly, Monthly. Below the panel, there is an 'Activities' section with the message 'No Job History records found.'

This step might take a few minutes. Don't close the screen while it is still loading.

Dashboard Data Explorer Answers Data Sources Projects **BETA** Get Started

bpst02_datamap_1651220539608 datum 165122... datamap bpst02

Directions Destinations Comments

View
Not Published, click here to configure destination

Table
Not Published, click here to configure destination

dbt Model ✓
bpst02_datamap_1651220539608
Last Published a minute ago

runDbt Run Done

DESTINATION DETAILS Schedule by None Hourly Daily Weekly Monthly

Data Source: tonymaisnowflake
Schema: JAFFLE_SHOP
Table: bpst02_datamap_1651220539608
Last Updated on: April 29, 2022, 16:36 by B

Activities

User	Status	Start Time	Duration	Type	Job Details
B	IN_PROGRESS	April 29, 2022, 16:37	N/A	DBT_RUN	

Once done, it should show status: SUCCESS in the below table. You can also find duration in the below table.

Dashboard Data Explorer Answers Data Sources Projects **BETA** Get Started

bpst02_datamap_1651220539608 datum 165122... datamap bpst02

Directions Destinations Comments

View
Not Published, click here to configure destination

Table
Not Published, click here to configure destination

dbt Model ✓
bpst02_datamap_1651220539608
Last Published a few seconds ago

runDbt Run Done

DESTINATION DETAILS Schedule by None Hourly Daily Weekly Monthly

Data Source: tonymaisnowflake
Schema: JAFFLE_SHOP
Table: bpst02_datamap_1651220539608
Last Updated on: April 29, 2022, 16:38 by B

Activities

User	Status	Start Time	Duration	Type	Job Details
B	SUCCESS	April 29, 2022, 16:37	13 seconds	DBT_RUN	View Details

4. Click on **Done**. Once the model is successfully published, you should be able to see it at the top part (depending on how you sorted the list) of the list in Data Explorer page.

Data Explorer

+ Create Datamap

All Items My ItemsTopics ▾ Data Sources ▾ Types ▾ Endorsements ▾ Favorites

All (14)Sort By: Last Updated ▾⌵

Topic	Reasoner	Data Source	Schema	Name	Updated By	Last Updated	Query Count
100		tonymaisnowflake	JAFFLE_SHOP	bpsite02_datamap_1651220539608	B	a minute ago	0
100		tonymaisnowflake	JAFFLE_SHOP	bpsite02_datamap_1651220539608	B	a minute ago	0
400		tonymaisnowflake	JAFFLE_SHOP	KAYCEE_DATAMAP_1650496260925	B	3 hours ago	9
398		tonymaisnowflake	JAFFLE_SHOP	MAKSIM_DATAMAP_1649371751180	B	3 hours ago	5

To get a live preview, click on the model name then go to **Samples** tab.

bpsite02_datamap_1651220539608 [🔗](#)
Apr 29, 2022

(0) (0) (0)

OverviewColumnsSamplesUsageCommentsEndorsement

Data Source
 tonymaisnowflake

Schema
JAFFLE_SHOP

Type
 View

Fully qualified name
JAFFLE_SHOP.JAFFLE_SHOP.bpsite02_datamap_1651220539608

Description
bpsite02_datamap_1651220539608

Data Maps
0

Answers
0

Columns
8

Topic Private ▾

Tags

+ Add tag

CancelNew Datamap ▾



Overview

Columns

Samples

Usage

Comments

Endorsement

Limit Rows: 100

100 rows, 19 KB fetched in 3 seconds

Search fields

ACTVTY_TYP...	PACKAGE	ACTVTY_TS	SBSCRN_ID	PARNT_ACC...	DISC	MER	PLAN_
101	Other	5/16/15 0:00	-1	42471	Full Price	6.66	101
93	Select	9/1/19 0:00	442000000000	38737	Full Price	0	93
88	All Access	4/30/19 0:00	105000000000	10933	Full Price	17.99	88
87	Basic	12/23/15 0:00	-1	49820	Full Price	8.49	87
62	TBD	6/27/16 0:00	409000000000	3525	TBD	6.66	62
61	TBD	10/24/10 0:00	-1	29648	TBD	6.66	61
59	Select	3/18/15 0:00	-1	23040	Discount	5	59
56	All Access	?	445000000000	87809	Full Price	14.49	56
49	All Access	12/29/18 0:00	448000000000	20146	Full Price	18.99	49
24	Select	11/15/15 0:00	-1	7674	Full Price	14.99	24
12	Select	?	436000000000	23236	Full Price	10.99	12
	Select				Full Price	0	165
	Mostly Music				Full Price	10.99	872

Cancel

New Datamap

Did this answer your question?

