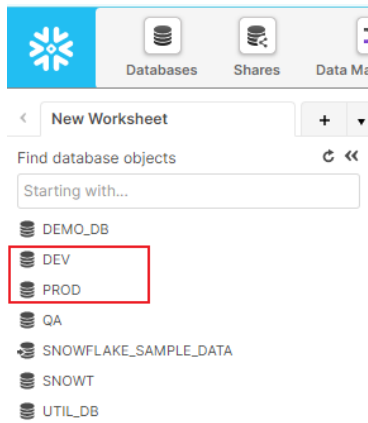
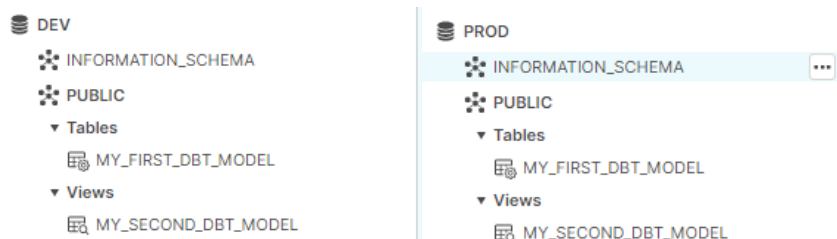


1) Snowflake DB Structure – Dev, QA, Prod



2) DEV and Prod DB



3) MY_FIRST_DBT_MODEL (Same in Dev and Prod)

Results Data Preview

Table: DEV.PUBLIC.MY_FIRST_DBT_MODEL

Filter result...

Row	ID	TEAM	COUNTRY	NAMEF	NAMEL	WEIGHT	HOMETOWN	PROV	POS	AGE	HEIGHTFT	HTIN	BMI
1	1	Women	Canada	Meghan	Agosta	148	Ruthven	Ont.	Forward	33	6	67	23
2	2	Women	Canada	Rebecca	Johnston	148	Sudbury	Ont.	Forward	31	6	69	22
3	3	Women	Canada	Laura	Stacey	156	Kleinburg	Ont.	Forward	26	6	70	22
4	4	Women	Canada	Jennifer	Wakefield	172	Pickering	Ont.	Forward	31	6	70	25
5	5	Women	Canada	Jillian	Saulnier	144	Halifax	N.S.	Forward	28	5	65	24
6	6	Women	Canada	Mélodie	Daoust	159	Valleyfield	Que.	Forward	29	6	66	26
7	7	Women	Canada	Bailey	Bram	150	St. Anne	Man.	Forward	30	6	68	23
8	8	Women	Canada	Brianne	Jenner	156	Oakville	Ont.	Forward	29	6	69	23
9	9	Women	Canada	Sarah	Nurse	140	Hamilton	Ont.	Forward	26	6	68	21
10	10	Women	Canada	Haley	Irwin	170	Thunder Bay	Ont.	Forward	32	6	67	27
11	11	Women	Canada	Natalie	Spooner	180	Scarborough	Ont.	Forward	30	6	70	26
12	12	Women	Canada	Emily	Clark	130	Saskatoon	Sask.	Forward	25	6	67	20
13	13	Women	Canada	Marie-Philip	Poulin	160	Beauceville	Que.	Forward	29	6	67	25
14	14	Women	Canada	Blayne	Turnbull	155	Stellarton	N.S.	Forward	27	6	67	24
15	15	Women	Canada	Jocelyne	Larocque	139	Ste. Anne	Man.	Defence	32	6	66	22
16	16	Women	Canada	Brigitte	Lacquette	180	Mallard	Man.	Defence	28	6	66	29
17	17	Women	Canada	Lauriane	Rougeau	167	Beaconsfield	Que.	Defence	30	6	68	25
18	18	Women	Canada	Laura	Fortino	137	Hamilton	Ont.	Defence	30	5	64	24
19	19	Women	Canada	Meaghan	Mikkelsen	139	St. Albert	Alta.	Defence	36	6	69	21

4) MY_SECOND_DBT_MODEL (DEV)

View: DEV.PUBLIC.MY_SECOND_DBT_MODEL

Filter result...

Row	ID	TEAM	COUNTRY	NAMEF	NAMEL	WEIGHT	HOMETOWN	PROV	POS	AGE	HEIGHTFT	HTIN	BMI
1	5	Women	Canada	Jillian	Saulnier	144	Halifax	N.S.	Forward	28	5	65	24

5) MY_SECOND_DBT_MODEL (Prod)

View: PROD.PUBLIC.MY_SECOND_DBT_MODEL

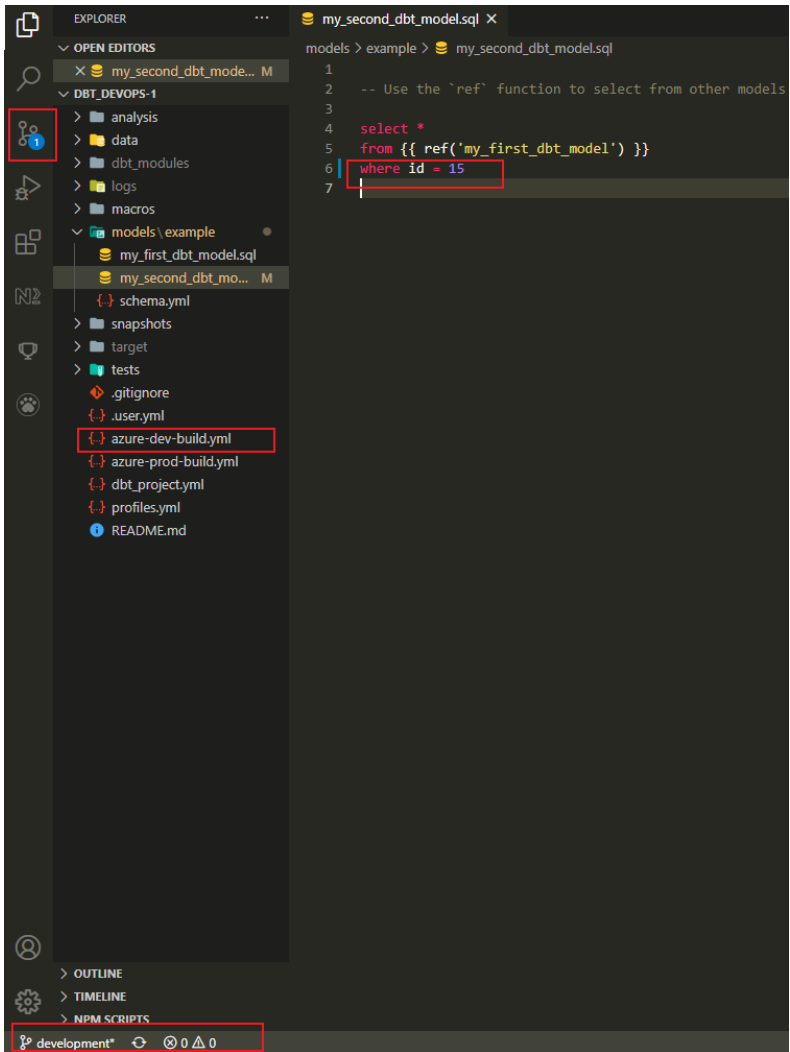
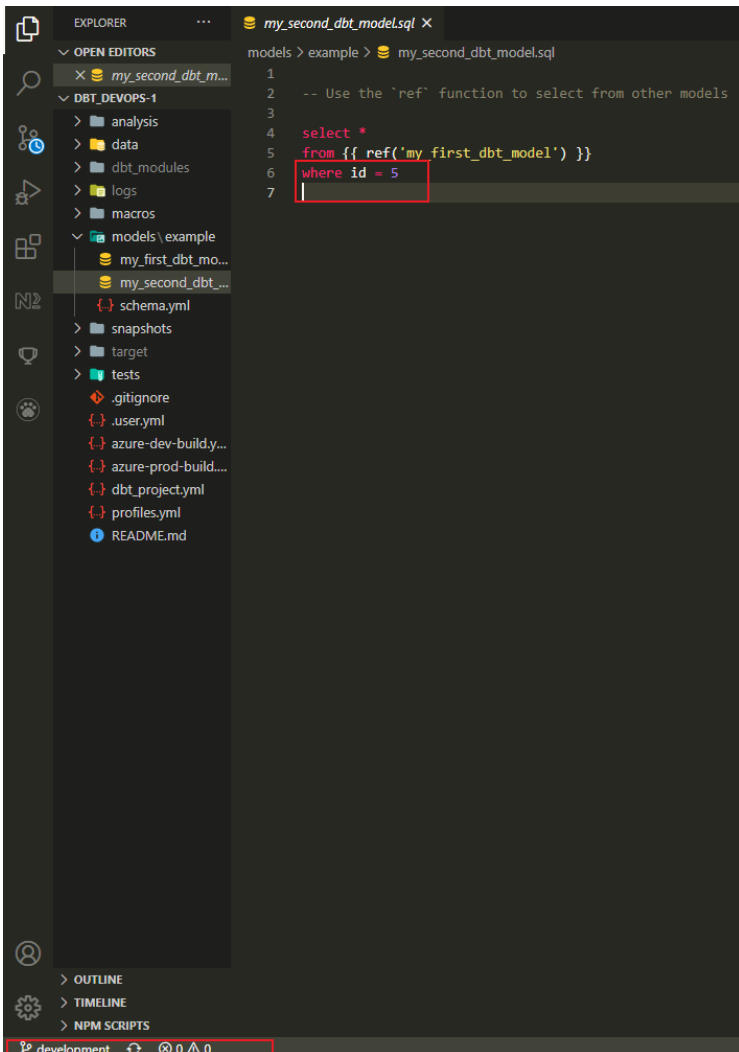
Filter result...

Row	ID	TEAM	COUNTRY	NAMEF	NAMEL	WEIGHT	HOMETOWN	PROV	POS	AGE	HEIGHTFT	HTIN	BMI
1	5	Women	Canada	Jillian	Saulnier	144	Halifax	N.S.	Forward	28	5	65	24

6) Azure Repos

Branches								New branch
Mine	All	Stale						Search branch name
Branch	Commit	Author	Authored ...	Behind Ahead	Status	Pull Requ...		
development	f59e421f	smis...	2h ago	0 0	✓ succ...			
master	f59e421f	smis...	2h ago		✓ succ...			★

7) Changing the Second Model in Development branch



8) Pushing the changes to Development branch triggers the Devopos CI/CD pipeline

Recently run pipelines

Pipeline	Last run	
DBT_Dev_Build	#20210223.3 • id=15 change dev push Individual CI for development	Just now
DBT_Prod_Build	#20210223.1 • Merged PR 9: Dev Pull	2h ago

Jobs in run #20210223.3
DBT_Dev_Build

Jobs	
Job	15s
Initialize job	2s
Checkout DBT_Develops@develop...	1s
UsePythonVersion	<1s
Install tools	7s
CopyFiles	<1s
PublishBuildArtifacts	2s
Post-job: Checkout DBT_Develops...	<1s
Finalize Job	<1s
Report build status	<1s

Job

```
1 ##[warning]Ubuntu-latest pipelines will use Ubuntu-20.04 soon. For more details, see https://github.com/actions/virtual-environments/issues/1816
2 Pool: Azure Pipelines
3 Image: ubuntu-latest
4 Agent: Hosted Agent
5 Started: Just now
6 Duration: 15s
7
8 Job preparation parameters
9 1 artifact produced
```

Dev_Release > Release-37

Pipeline Variables History | + Deploy Cancel Refresh Edit ...

Release

Continuous deployment
for smishra.shubhammi...
2/23/2021, 1:48 PM

Artifacts

_DBT_Dev_Build
20210223.3
development

Stages

Dev
In progress

DBT_INSTALL
4/5 tasks
00:47

9) Changes Deployed to Dev

Dev_Release > Release-37

Pipeline Variables History | + Deploy Cancel Refresh Edit ...

Release

Continuous deployment
for smishra.shubhammi...
2/23/2021, 1:48 PM

Artifacts

_DBT_Dev_Build
20210223.3
development

Stages

Dev
Succeeded
on 2/23/2021, 1:49 PM

Dev
Succeeded

Summary Commits Work Items | View logs

- Now at Release-37
View all deployments
- Deployment succeeded
on 2/23/2021, 1:49 PM • Ran for 1m 30s
- Agent job - Succeeded
6/6 task(s) succeeded
- Automatic trigger
Deployment triggered on 2/23/2021, 1:48 PM
- Associated changes
View commits and work items
- _DBT_Dev_Build / 20210223.3
development

View: DEV.PUBLIC.MY.SECOND.DBT.MODEL Data SQL

Filter result...

Row	ID	TEAM	COUNTRY	NAMEF	NAMEL	WEIGHT	HOMETOWN	PROV	POS	AGE	HEIGHTFT	HTIN	BMI
1	15	Women	Canada	Jocelyne	Larocque	139	Ste. Anne	Man.	Defence	32	6	66	22

10) Pull Request from Development branch into Master branch from devops

New pull request

development → master

Overview Files (1) Commits (1)

Title
id=15 change dev push

Description
id=15 change dev push

Reviewers
Add required reviewers

Work items to link
Search work items by ID or title

Tags

Create

smishra.shubhammishra@gmail.com

id=15 change dev push

Active

10

smishra.shubhammishra development into master

Overview

Files

Updates

Commits

Required reviewers have approved

No merge conflicts

Last checked Just now

Description

id=15 change dev push

Show everything (3)

Add a comment...

smishra.shubhammishra approved the pull request

Just now

smishra.shubhammishra was added as a required reviewer.

Just now

smishra.shubhammishra created the pull request

Just now

Reviewers

Add

Required

smishra.shubhammishra

Approved

Optional

No optional reviewers

Tags

No tags

Work items

No work items

Complete pull request

Merge type

Merge (no fast forward)

Post-completion options

☒ Complete associated work items after merging

☐ Delete development after merging

☐ Customize merge commit message

Cancel Complete merge

11) Completing the merge triggers automated build (CI)

Recently run pipelines		
Pipeline	Last run	
DBT_Prod_Build	#20210223.2 • Merged PR 10: id=15 change dev push Individual CI for master	Just now
DBT_Dev_Build	#20210223.3 • id=15 change dev push Individual CI for development	10m ago 19s

smishra.shubhammishra@gmail.com

12) Prod Build Successful

← Jobs in run #20210223.2

DBT_Prod_Build

Jobs

✓ Job	16s
✓ Initialize job	2s
✓ Checkout DBT_Devops@master to s	1s
✓ UsePythonVersion	<1s
✓ Install tools	7s
✓ CopyFiles	<1s
✓ PublishBuildArtifacts	3s
✓ Post-job: Checkout DBT_Devops...	<1s
✓ Finalize Job	<1s
✓ Report build status	<1s

✓ Job

```
1 ##[warning]Ubuntu-latest pipelines will use Ubuntu-20.04 soon. For more details, see https://github.com/actions/virtual-environments/issues/1816
2 Pool: Azure Pipelines
3 Image: ubuntu-latest
4 Agent: Hosted Agent
5 Started: Just now
6 Duration: 16s
7
8 ▶ Job preparation parameters
9 📦 1 artifact produced
```

13) Prod Run is scheduled

All pipelines > Prod_Release

Save Create release View releases ...

Pipeline Tasks Variables Retention Options History

Artifacts | + Add

Stages | + Add

_DBT_Prod_Build

Prod
1 job, 3 tasks

Schedule set

Scheduled release trigger

Define schedules to trigger releases

☒ Enabled

Create a new release at the specified times

🕒 Mon through Sun at 20:00

☐ Only schedule releases if the source or pipeline has changed

+ Add a new time

Changes will reflect in the Prod DB after the scheduled job is successfully completed.