

# Analyses, Hooks and Exposures

## CREATE THE REPORTER ROLE AND PRESET USER IN SNOWFLAKE

```
USE ROLE ACCOUNTADMIN;
CREATE ROLE IF NOT EXISTS REPORTER;
CREATE USER IF NOT EXISTS PRESET
  PASSWORD='presetPassword123'
  LOGIN_NAME='preset'
  MUST_CHANGE_PASSWORD=FALSE
  DEFAULT_WAREHOUSE='COMPUTE_WH'
  DEFAULT_ROLE='REPORTER'
  DEFAULT_NAMESPACE='AIRBNB.DEV'
  COMMENT='Preset user for creating reports';

GRANT ROLE REPORTER TO USER PRESET;
GRANT ROLE REPORTER TO ROLE ACCOUNTADMIN;
GRANT ALL ON WAREHOUSE COMPUTE_WH TO ROLE REPORTER;
GRANT USAGE ON DATABASE AIRBNB TO ROLE REPORTER;
GRANT USAGE ON SCHEMA AIRBNB.DEV TO ROLE REPORTER;
GRANT SELECT ON ALL TABLES IN SCHEMA AIRBNB.DEV TO ROLE REPORTER;
GRANT SELECT ON ALL VIEWS IN SCHEMA AIRBNB.DEV TO ROLE REPORTER;
GRANT SELECT ON FUTURE TABLES IN SCHEMA AIRBNB.DEV TO ROLE REPORTER;
GRANT SELECT ON FUTURE VIEWS IN SCHEMA AIRBNB.DEV TO ROLE REPORTER;
```

## ANALYSES

The contents of `analyses/full_moon_no_sleep.sql`:

```
WITH mart_fullmoon_reviews AS (
  SELECT * FROM {{ ref('mart_fullmoon_reviews') }}
)
SELECT
  is_full_moon,
  review_sentiment,
  COUNT(*) as reviews
FROM
  mart_fullmoon_reviews
GROUP BY
  is_full_moon,
  review_sentiment
ORDER BY
  is_full_moon,
  review_sentiment
```

## EXPOSURES

The contents of `models/dashboard.yml`:

```
version: 2

exposures:
  - name: Executive Dashboard
    type: dashboard
```

```
maturity: low
url: https://7e942fbd.us2a.app.preset.io:443/r/2
description: Executive Dashboard about Airbnb listings and hosts

depends_on:
  - ref('dim_listings_w_hosts')
  - ref('mart_fullmoon_reviews')

owner:
  name: Zoltan C. Toth
  email: hello@learndbt.com
```

## POST-HOOK

Add this to your `dbt_project.yml`:

```
+post-hook:
  - "GRANT SELECT ON {{ this }} TO ROLE REPORTER"
```

