

# 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"
```

