

Tests

GENERIC TESTS

The contents of `models/schema.yml`:

```
version: 2

models:
  - name: dim_listings_cleansed
    columns:

      - name: listing_id
        tests:
          - unique
          - not_null

      - name: host_id
        tests:
          - not_null
          - relationships:
              to: ref('dim_hosts_cleansed')
              field: host_id

      - name: room_type
        tests:
          - accepted_values:
              values: ['Entire home/apt',
                    'Private room',
                    'Shared room',
                    'Hotel room']
```

GENERIC TEST FOR MINIMUM NIGHTS CHECK

The contents of `tests/dim_listings_mininum_nights.yml`:

```
SELECT
  *
FROM
  {{ ref('dim_listings_cleansed') }}
WHERE minimum_nights < 1
LIMIT 10
```

RESTRICTING TEST EXECUTION TO A MODEL

```
dbt test --select dim_listings_cleansed
```

EXERCISE

Create a singular test in `tests/consistent_created_at.sql` that checks that there is no review date that is submitted before its listing was created: Make sure that every `review_date` in `fct_reviews` is more recent than the associated `created_at` in `dim_listings_cleansed`.

SOLUTION

```
SELECT * FROM {{ ref('dim_listings_cleansed') }} l
INNER JOIN {{ ref('fct_reviews') }} r
  USING (listing_id)
WHERE l.created_at >= r.review_date
```

