

Identifying Unreliable Data + Nulls

Log onto [Mode Analytics](#) and from the home page, create a new report by clicking on the green plus sign button in the upper right-hand corner. Enter the starter code where provided for each exercise. You may want to create a new tab for each exercise.

Please use the discussion forum for any questions and/or comments you might have. Once you have tried the exercises, feel free to watch the solutions video. Good luck with your practice!

Note: When querying a table, remember to prepend `dsv1069`, which is the schema, or folder that contains the course data.

Exercise 1: Using any methods you like determine if you can trust this events table.

Starter Code:

```
SELECT * FROM dsv1069.events_201701
```

Exercise 2:

Using any methods you like, determine if you can trust this events table. (HINT: When did we start recording events on mobile)

Starter Code:

```
SELECT * FROM dsv1069.events_ex2
```

Exercise 3: Imagine that you need to count item views by day. You found this table `item_views_by_category_temp` - should you use it to answer your question?

Starter Code:

```
SELECT * FROM dsv1069.item_views_by_category_temp
```

Exercise 4: Using any methods you like, decide if this table is ready to be used as a source of truth.

Starter Code:

```
SELECT * FROM dsv1069.raw_events  
LIMIT 100
```

Exercise 5: Is this the right way to join orders to users? Is this the right way this join.

Starter Code:

```
SELECT *  
FROM dsv1069.orders  
JOIN dsv1069.users  
ON orders.user_id = users.parent_user_id
```