Flexible Data Format

Exercise: Goal: Write a query to format the view_item event into a table with the appropriate columns.

Step 1:

```
1.  select
2.     event_id,
3.     event_time,
4.     user_id,
5.     platform,
6.     (case when parameter_name = 'item_id'
7.           then cast(parameter_value as int)
8.           else null end)  as item_id
9.  from
10.    dsv1069.events
11. where
12.    event_name  = 'view_item'
13. order by
14.    event_id
15. limit 5
```

Step 2:

```
1.  select
2.     event_id,
3.     event_time,
4.     user_id,
5.     platform,
6.     max(case when parameter_name = 'item_id'
7.           then cast(parameter_value as int)
8.           else null
9.           end)  as item_id,
10.    max(case when parameter_name = 'referrer'
11.          then parameter_value
12.          else null
13.          end)  as referrer
14. from
15.    dsv1069.events
16. where
17.    event_name  = 'view_item'
18. group by
19.    event_id,
20.    event_time,
21.    user_id,
22.    platform
23. order by event_id
24. limit 5
```

Mode Report Link: https://app.mode.com/sum14/reports/7e6b065d5ab6