

Milestone 8 due Friday, 03/29.

1. Develop 8 nested queries on `dataset1` that satisfy these requirements:
 - At least one level of nesting per query (i.e. an outer query and a subquery).
 - At least 4 of the queries must use an aggregate function.
 - At least 4 of the queries must use a join (either inner or outer).
 - Copy the SQL into a `nested-queries.sql` file.
 - Add a short comment above each SQL statement to describe the query. Comments should begin with a `--` (e.g. `--this is a legal comment in SQL`).

2. Create 4 data visualizations:
 - Choose your 4 most interesting nested queries.
 - Create a BQ view for each query.
 - Create a Data Source in Data Studio that accesses each view.
 - Create a chart in Data Studio that visualizes the data in a compelling way.
 - Add the charts to your existing Data Studio dashboard.
 - Take a screenshot of your dashboard and save it as `dashboard-v2.png`.

CS 327E Milestone 8 Rubric

Due Date: 03/29/19

<p>Create data visualizations for your datasets and save them in <code>dashboard-v2.png</code></p> <p>The image should contain 4 charts made from Data Studio, with a relevant title for each one describing the dataset. These charts should be made from your nested queries created in this assignment.</p> <ul style="list-style-type: none"> -40 <code>./dashboard-v2.png</code> not found in repository -10 each missing nested query chart, up to -40 -5 each missing title, up to -20 	40
<p>Create a file <code>nested-queries.sql</code> containing 8 nested queries. Two should involve the use of aggregation, and another two should use joins. Each SQL query should be preceded by a comment describing its function.</p> <ul style="list-style-type: none"> -60 <code>./nested-queries.sql</code> not found in repository -8 each missing nested query, up to -60 -8 each missing aggregate query, up to -30 -8 each missing query with joins, up to -30 -5 each missing or incorrect comment, up to -40 	60
<p><code>submission.json</code> submitted into Canvas. Your project will not be graded without this submission. The file should have the following schema:</p> <pre>{ "commit-id": "your most recent commit ID from Github", "project-id": "your project ID from GCP" }</pre> <p>Example:</p> <pre>{ "commit-id": "dab96492ac7d906368ac9c7a17cb0dbd670923d9", "project-id": "some-project-id" }</pre>	Required
<p>Total Credit:</p>	100