

Milestone 3 due Friday, 09/28.

For the remainder of this project, `dataset1` refers to your dataset that contains multiple related files from the same source and whose files are connected via a primary to foreign key relationship.

1. Create an ERD for `dataset1`:
 - If you have a wide table, only list the fields that are keys (PK, FK) and those you intend to query.
 - Qualify each table with the dataset that it belongs to. For example, if you have a `flights` dataset with a `schedule` table, the table name in the ERD would be `flights.schedule`.
 - Draw the relationships between the tables (e.g. 1:1, 1:m, m:1, m:n).
 - Name the ERD file `ERD-dataset1-raw.pdf`.
2. In the BQ Console, write some queries that join the tables in `dataset1`:
 - You should have 5 queries with at least 1 join per query.
 - At least 2 joins must be outer joins.
 - Copy the SQL into a `join-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`).

CS 327E Milestone 3 Rubric

Due Date: 9/28/18

<p>Create an ERD for dataset1 and save it as ERD-dataset1-raw.pdf.</p> <p>The PDF should contain entities for all the tables, with each table named <dataset>.<table name> like the example above.</p> <ul style="list-style-type: none"> -50 ./ERD-dataset1-raw.pdf not found in repository -10 each incorrect relationship -10 each primary key/foreign key missing 	50
<p>Create a file join-queries.sql containing 5 queries involving joins. Two queries should contain outer joins. Each SQL query should have a comment preceding it, describing its function.</p> <ul style="list-style-type: none"> -50 ./join-queries.sql not found in repository -10 each missing statement, up to -50 -5 each missing or incorrect comment, up to -25 -10 each missing outer join, up to -20 	50
<p>submission.json 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