Module 6: Homework 2, Assignment: BigQuery Queries

Step 1: Go to the BigQuery page in the Google Cloud console

* Open the BigQuery page in the Google Cloud console.   
  > Go to the Google Cloud console > Look for the BigQuery tab >
* In the Explorer panel, select the project where you want to create the dataset.

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Step 2: the NCAA Basketball Dataset

* Select BigQuery Studio from the navigation menu.
* Expand a project name in the Explorer panel to see the datasets in that project.
* Use the search box to search by dataset name.

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Step 3: Open the mbb\_pbp\_sr dataset

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Step 4: query the dataset

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Extracts data from an NCAA basketball play-by-play dataset for a specific game played between the Wildcats and the Fighting Irish in the 2014 season. In addition to selecting the game clock, points scored, team name, and event description, it filters out null values.

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Step 5: SQL code so the query includes a cumulative sum of scores.

In this query, the game clock, running score for both the Wildcats and Fighting Irish, team name, and event description are retrieved from an NCAA basketball play-by-play dataset for a specific game in 2014. And they were using the window function with a cumulative sum to calculate the running score for each team.

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