Subqueries in the FROM Clause

SELECT
 Example: Return each country's happiness score for the year along
  side the country's average happiness score

SELECT hs.year, hs.country, hs.happiness-score,
    Country-hs.avg-hs-by-country
FROM happiness-scores hs LEFT JOIN
    (SELECT country, AVG (happiness-score) AS avg-hs-by-country
     FROM happiness-scores
     GROUP BY country) AS country-hs
    ON hs.country = country-hs.country;

 • Subqueries in the FROM clause must have an alias

 • This subquery calculates the average happiness
   score by country, and is then joined with the
   main query

 • Using subqueries within the JOIN clause
   is great for speeding up queries,
   since it allows you to join smaller tables