SUBQUERY BASICS

A subquery is a query nested within a main query, and
is tipically used for solving a problem in multiple steps.

Example: Return all countries that have an above average score

Step 1: Calculate the average happiness score

```
SELECT      AVG (happiness_score )
FROM        happiness_score;
```

AVG (happiness_score
5.4400624

Step 2: Return all rows with a happiness score greater than
the first query result

```
SELECT      *                            main
FROM        happiness_score              query         Subquery
WHERE       happiness_score  > (SELECT      AVG (happiness_score
                                FROM       happiness_score);
```

Year	country	region	happiness_score
2015	Algeria	NorthAfrica	5,605
2015	Argentina	Latin America	6,574
2015	Australia	Oceania	7,284
2015	Austria	Western Europe	9,200

* the subquery is run first, before the main
query