

Lab 4: Subqueries in FROM and SELECT clauses

Where a subqueries has different effects.

- Subqueries in the WHERE clause generate sets which we will test against.
- Subqueries in the FROM clause generates tables on which we will run the query.
- Subqueries in the SELECT clause produce a value that is derived from the subquery.

Using the University Admissions database write the following queries.

1. Let us scale a student's score by the size of their secondary school, so that the scaled score is equal to $\text{score} * \text{SSSize} / 1000$. Using a subquery in the FROM clause generate a list of students whose scaled score differs from their original score by more than 20.
2. Using a subquery in the SELECT clause, generate a list of universities paired with the highest score of the applicants to that university.
3. Try the previous two queries, but this time without using subqueries in the FROM or SELECT clauses.