

Interactive - 23 - with - pre-selects to do stuff.

You can run queries before your main query and give the results names. These are run in order and that can have substantial advantages.

The general syntax is

```
with
    temp_name as ( select ... )

select stufff.

    from temp_name

;

WITH
    mystery_employess as ( select sum(pay) total_pay from name_list where state = 'WY' ),
    normal_employees as ( select sum(pay) total_pay from name_list where state in ( 'NJ', 'N' ) )
SELECT round( ( tWY.total_pay / ( tWY.total_pay + tEast.total_pay ) ) * 100.0, 2) as relative_pay
FROM
    mystery_employess as tWY
    , normal_employees as tEast

;
```

You should get back a single row of data that tells you that in Wyoming you get 43% as much pay as a job in NY or NJ (Note that the data in this example is not totally accurate. Also you have a much lower cost of living in Wyoming than you do in NY NY.)

Tags: “with”, “with select”

Validate: SQL-Select, “select ‘PASS’ as x”