**ASSIGNMENT 1: Codecademy Learners Mockup Data**

SELECT \* FROM users;

SELECT \* FROM progress;

SELECT email\_domain,

COUNT(\*) FROM users WHERE email\_domain LIKE '%.edu'

GROUP BY 1 ORDER BY 2 DESC

LIMIT 25;

SELECT COUNT(\*) FROM users

WHERE email\_domain LIKE '%.edu' AND city = 'New York';

SELECT COUNT(\*) AS mobilecount

FROM users WHERE mobile\_app IS NOT NULL;

SELECT sign\_up\_at, strftime ('%H', sign\_up\_at) AS 'hour',

COUNT(\*) AS 'Users\_Signed\_in'

FROM users GROUP BY hour ORDER BY hour DESC;

WITH schools AS (

SELECT users.email\_domain AS "email",

progress.learn\_cpp is NOT NULL AS "cpp",

progress.learn\_html is NOT NULL AS "html",

progress.learn\_java is NOT NULL AS "java",

progress.learn\_javascript is NOT NULL AS "js",

progress.learn\_sql is NOT NULL AS "sql"

FROM users

JOIN progress

on users.user\_id = progress.user\_id)

SELECT email, sum(cpp), sum(html), sum(java), sum(js), sum(sql)

FROM schools

WHER email LIKE "%.edu"

GROUP BY 1 ORDER BY 1 DESC;

WITH schools AS (

SELECT users.city AS "city",

progress.learn\_cpp is NOT NULL AS "cpp",

progress.learn\_html is NOT NULL AS "html",

progress.learn\_java is NOT NULL AS "java",

progress.learn\_javascript is NOT NULL AS "js",

progress.learn\_sql is NOT NULL AS "sql"

FROM users

JOIN progress

ON users.user\_id = progress.user\_id)

select city, sum(cpp), sum(html), sum(java), sum(js), sum(sql)

FROM schools

GROUP BY 1

HAVING city = "New York" or city = "Chicago";