

Lesson 4 – Simple Select Queries

Pt. 2: In, Between, Null, Not

Challenge Exercises

To complete these exercises, use the build.sql file included with the lesson 04 files to build your schema in SQL fiddle. Once set up, your database will contain an 'employees' table similar to the one used in the lesson 04 video. To see an overview of the full table which you should expect to have in your database, open the employees.pdf file which accompanies these exercises, or open employees.xlsx on your computer after downloading it.

- 1) Some of our employees don't seem to be getting our calls. Please get a list of all employees for which we are missing their phone numbers.
- 2) Just to be thorough, let's expand that and get a list of all employees for which we're missing their phone numbers or their email addresses.
- 3) We're trying to consolidate the number of positions we have down into a few categories. Please get a list of all the employees whose position is not one of the following: manager, accountant, salesperson, receptionist.
- 4) There is a free lunch for our staff in the break room. To keep things orderly, we'll be sending groups of employees arranged alphabetically. Please get all of the employees whose names begin with A, B, or C. (Hint: Names including, or after, the name "A" but before "D")
- 5) Please get a list of the remaining employees (alphabetically starting with D onward), but ensure that they belong to a department, and that we are specifically not inviting Steve, Frank, Justin, or Samantha.