# Part 2

# Deliverable 2

## Assumptions

<In this section write down the assumptions you made about the data, if any. Write a sentence for each assumption you made>

## DDL

<In this section write down the DDL you wrote for implementing the provided ER model>

## Query Implementation

<For each query>

**Query a:**

***Description of logic:***

<What does the query do and how do I decide to solve it>

***SQL statement***

<The SQL statement>

***Query result (if the result is big, just a snippet)***

<The SQL statement result>

QUERY 1:

Description of logic:

SQL statement:

QUERY 2:

Description of logic:

SQL statement:

QUERY 3:

Description of logic:

SQL statement:

QUERY 4:

Description of logic:

SQL statement:

QUERY 5:

Description of logic:

SQL statement:

QUERY 6:

Description of logic:

We first need to count, for each user, the number of businesses they reviewed. Then we simply compute the max of these counts.

More precisely, we have an inner query on the table REVIEWS that counts for each user, the number of distinct businesses they reviewed. Then we simply select the maximum of these counts.

SQL statement:

A picture containing text, screenshot, font

Description automatically generated

QUERY 7:

Description of logic:

SQL statement:

QUERY 8:

Description of logic:

SQL statement:

QUERY 9:

Description of logic:

SQL statement:

QUERY 10:

Description of logic:

SQL statement:

## General Comments

<In this section write general comments about your deliverable (comments and work allocation between team members>