DSI SUDS Workshop – Intro to SQL

July 15, 2022

AGENDA

(10:00 – 11:30) Workshop Start and Getting Started in SQL (1 hour 30 mins)

Intro, background, best practices, exploring our RDBMS, SELECT statements, SELECT WHERE, UPDATE statements, basic SQL functions, commenting our queries, ORDER BY

(11:30 – 11:40) Break (10 mins)

(11:40 – 12:55) Adding to our SQL Queries (1 hour 15 mins)

Activity, aliases, multiple WHERE conditions, in-line calculations, rounding, working with text, working with dates

(12:55 – 1:25) Lunch (30 mins)

(1:25 – 2:40) Working with Multiple Tables (1 hour 15 mins)

Activity, LIKE, BETWEEN, GROUP BY, CASE statements, Joins vs. Subqueries, Joins

(2:40 – 2:50) Break (10 mins)

(2:50 – 3:55) Advanced Queries (1 hour 5 mins)

Joins (continued), subqueries/nested queries, practice solving problems with SQL

WEBSITE FOR SQL PRACTICE

https://www.sql-practice.com/