

SQL

Your week-by-week private tutoring roadmap

Real datasets • Guided practice • Individual support

5-week structure

Programme pathway

2 / week

Typical live sessions

60–90 min

Per live session

Build practical SQL confidence by setting up a database, writing analytical queries and answering real business questions.

What you will learn

- Create and populate relational database tables in MySQL Workbench
- Clean data and retrieve records with sorting and filtering
- Summarise data using aggregates and calculated business metrics
- Combine tables, use subqueries and work with analytical functions
- Deliver a final SQL analysis project supported by findings

Programme at a glance

- | | | |
|----|----------------|--|
| 01 | Set up | Create, import, back up and clean data |
| 02 | Query | Filter, sort, aggregate and calculate |
| 03 | Connect | JOINS, subqueries and KPIs |
| 04 | Analyse | Window functions, CASE and CTEs |
| 05 | Apply | Submit an independent SQL project |

Sessions are usually arranged twice weekly, with exact days agreed individually. One session per week may be arranged and will extend the calendar timeline.

Weeks 1-2

SQL / What each teaching week covers

WEEK 01

Set up and clean your database

Become comfortable in MySQL Workbench with a Northwind-style retail dataset.

SESSION A

Database setup and importing

Create schemas and tables; choose data types; understand primary and composite keys; import CSV files and verify records.

SESSION B

Backups and SQL cleaning

Create backup tables; check NULLs, distinct values and duplicates; practise TRIM, text updates, deletions and inserts safely.

PRACTICAL OUTPUT

An imported and cleaned retail database with basic validation queries.

WEEK 02

Write useful SQL queries

Retrieve, summarise and calculate the metrics used in business analysis.

SESSION A

Filtering, sorting and aggregating

Practise SELECT, WHERE, ORDER BY, LIMIT, COUNT, MIN, MAX, AVG, SUM and rounding results.

SESSION B

Calculated sales measures

Calculate prices before discount, discounts and net totals; combine measures and save analytical outputs in a new table.

PRACTICAL OUTPUT

Queries and a reusable table of calculated order-detail metrics.

LIVE TUTORING + HANDS-ON PRACTICE

Weeks 3–4

SQL / What each teaching week covers

WEEK 03

Connect data and answer questions

Work with related tables and explore comparisons across retail data.

SESSION A

JOINS and table relationships

Use INNER, LEFT and RIGHT JOINS and learn a UNION-based full-join alternative in MySQL.

SESSION B

Subqueries and business KPIs

Use nested queries with IN and comparisons; answer questions about products, customers, orders and revenue.

PRACTICAL OUTPUT

A set of queries answering practical customer and product questions.

WEEK 04

Use advanced analytical SQL

Go beyond basic aggregations and organise complex analysis.

SESSION A

Analytical window functions

Calculate partition-level totals and averages; compare ROW_NUMBER, RANK and DENSE_RANK.

SESSION B

CASE and Common Table Expressions

Create conditional categories; use WITH expressions to simplify multi-step queries and join derived outputs.

PRACTICAL OUTPUT

A readable collection of analytical queries using window functions, CASE and CTEs.

LIVE TUTORING + HANDS-ON PRACTICE

Apply what you have learned

SQL / Project, learning support and enrolment

WEEK 05

Final SQL analysis project

In Week 5, complete and submit a practical SQL project based on a business dataset and brief. Prepare queries addressing revenue, product or customer performance and include a short explanation of the insights.

Final submission, no presentation

SQL teaching ends in Week 4. Week 5 is reserved for completing and submitting the assigned SQL project.

How private tutoring works

- **Live sessions**
Typically two sessions per week, approximately 60–90 minutes each.
- **Flexible arrangement**
Session days are agreed personally. Choosing one weekly session extends the timeline.
- **Real practice**
Apply the concepts to provided datasets, exercises and project briefs.

PRIVATE TUTORING FEE

₦70,000

All prices displayed in NGN

Ready to learn?

Choose this programme on learnwithgeorge.org and complete the application form. After payment verification, your lesson arrangements will be confirmed by WhatsApp.

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