<!doctype html><html lang="en"><head><meta charset="utf-8"><title>SQL for Data Analysis — Course content</title><style>
@page { size: A4; margin: 16mm 15mm 18mm; }
* { box-sizing: border-box; }
body { margin: 0; font: 10.5pt/1.5 'Segoe UI', Inter, Arial, sans-serif; color: #13233D; }
h1, h2, h3 { font-family: 'Segoe UI Semibold', 'Segoe UI', Arial, sans-serif; color: #173358; margin: 0; }
.top { display: flex; justify-content: space-between; align-items: center; padding-bottom: 10px; border-bottom: 3px solid #28C09C; }
.top img { height: 40px; }
.top .tag { font: 8pt 'Consolas', monospace; letter-spacing: .12em; text-transform: uppercase; color: #0F7A60; }
.hero { padding: 18px 0 8px; }
.area { display: inline-block; font: 8pt 'Consolas', monospace; letter-spacing: .1em; text-transform: uppercase; padding: 3px 8px; border-radius: 99px; }
.area.bi { background: #FEF3E2; color: #B45309; } .area.data { background: #E6F7F1; color: #0F7A60; }
.area.ai { background: #EEF0FF; color: #4F46E5; }
h1 { font-size: 22pt; line-height: 1.15; margin: 8px 0 8px; }
.overview { color: #4A5A73; margin: 0 0 12px; }
.facts { display: flex; border: 1px solid #DCE2EA; border-radius: 8px; overflow: hidden; margin: 6px 0 14px; }
.facts div { flex: 1; padding: 7px 10px; border-right: 1px solid #DCE2EA; }
.facts div:last-child { border-right: 0; }
.facts dt { font: 7pt 'Consolas', monospace; letter-spacing: .08em; text-transform: uppercase; color: #4A5A73; }
.facts dd { margin: 2px 0 0; font-weight: 600; font-size: 9.5pt; color: #173358; }
h2 { font-size: 13pt; margin: 16px 0 6px; padding-bottom: 3px; border-bottom: 1px solid #DCE2EA; }
.pills { display: flex; flex-wrap: wrap; gap: 5px; margin: 0; padding: 0; list-style: none; }
.pills li { padding: 2px 8px; border: 1px solid #DCE2EA; border-radius: 5px; font-size: 9pt; }
ul.check { margin: 0; padding: 0; list-style: none; columns: 2; column-gap: 18px; }
ul.check li { break-inside: avoid; padding-left: 14px; position: relative; margin-bottom: 3px; }
ul.check li::before { content: "\2713"; position: absolute; left: 0; color: #0F7A60; font-weight: 700; }
.module { break-inside: avoid; border: 1px solid #DCE2EA; border-radius: 8px; padding: 8px 12px; margin-bottom: 7px; }
.module h3 { font-size: 10.5pt; display: flex; gap: 8px; align-items: baseline; }
.module .no { font: 8pt 'Consolas', monospace; color: #0F7A60; background: #EAF8F3; padding: 1px 6px; border-radius: 4px; white-space: nowrap; }
.module h4 { font-size: 9pt; margin: 6px 0 2px; color: #173358; }
.module ul { margin: 4px 0 0; padding-left: 16px; columns: 2; column-gap: 18px; font-size: 9.2pt; color: #3D4559; }
.module li { break-inside: avoid; }
table { width: 100%; border-collapse: collapse; font-size: 9pt; }
th, td { text-align: left; padding: 5px 8px; border-bottom: 1px solid #EEF1F5; vertical-align: top; }
th { background: #F7F9FB; color: #173358; }
td:first-child { font-weight: 600; color: #173358; width: 34%; }
.box { break-inside: avoid; background: #EAF8F3; border-left: 3px solid #28C09C; padding: 8px 12px; border-radius: 0 6px 6px 0; }
.cta { break-inside: avoid; margin-top: 18px; padding: 12px 14px; background: #0F2340; color: #fff; border-radius: 8px; display: flex; justify-content: space-between; gap: 12px; font-size: 9.5pt; }
.cta strong { color: #5FD3B4; }
.foot { margin-top: 10px; font-size: 8pt; color: #8A96A8; text-align: center; }
</style></head><body>

Course content · Updated Sep 2026 Data & Analytics<h1>SQL for Data Analysis</h1> A three-week course in writing the SQL analysts actually use. You start by creating your first database in PostgreSQL and finish with CTEs and window functions, answering business questions from relational data at every step. <dl class="facts"> <dt>Duration</dt><dd>3 weeks</dd> <dt>Classes</dt><dd>15 × 1 hour</dd> <dt>Level</dt><dd>Beginner</dd> <dt>Mode</dt><dd>Physical or live online</dd> </dl> <h2>What you'll be able to do</h2><ul class="check">
Write analytical SQL queries
Use joins, grouping, subqueries, CTEs and window functions
Answer real business questions from relational databases
<h2>Tools</h2><ul class="pills">

PostgreSQL
pgAdmin
SQL
<h2>Before you start</h2> None. You don't need programming or database experience. A laptop you can install PostgreSQL and pgAdmin on (Windows, macOS or Linux). <h2>Curriculum</h2> <h3>Week 1SQL fundamentals</h3>
Class 1 — Introduction to SQL: databases, SQL, PostgreSQL, pgAdmin; create a database and table; INSERT; your first SELECT
Class 2 — SELECT, FROM, DISTINCT, AS
Class 3 — WHERE, operators, AND / OR / NOT, BETWEEN, IN, LIKE, NULL
Class 4 — ORDER BY, ASC / DESC, LIMIT, OFFSET
Class 5 — Text, numeric and date functions <h3>Week 2Intermediate SQL</h3>
Class 6 — COUNT, SUM, AVG, MIN, MAX
Class 7 — GROUP BY, HAVING and business summaries
Class 8 — Primary and foreign keys; INNER, LEFT, RIGHT and FULL JOIN
Class 9 — Multi-table joins and business analysis
Class 10 — Subqueries and correlated subqueries <h3>Week 3SQL for data analysis</h3>
Class 11 — CASE WHEN and segmentation
Class 12 — Date functions and time-based analysis
Class 13 — CTEs (WITH)
Class 14 — Window functions: ROW_NUMBER, RANK, DENSE_RANK, LAG, LEAD, running totals
Class 15 — Revision and project instructions <h2>Your project</h2> Class 15 sets a business-analysis project on a relational database: you plan the questions, write the queries and present what the data shows. <h2>Where you’ll use this</h2><ul class="check">
Pulling and summarising data straight from company databases
Customer segmentation and sales analysis
Month-on-month and year-on-year comparisons
Ranking, running totals and trend analysis
Feeding clean data into Power BI, Python or R Register for the next batch
trainingcenter.gexonai.com/enroll?program=sql-for-data-analysis WhatsApp +977 971-7157838
info.gexontraining@gmail.com · Lalitpur, Nepal Batch dates, schedule and fee are confirmed at enrollment. </body></html>