

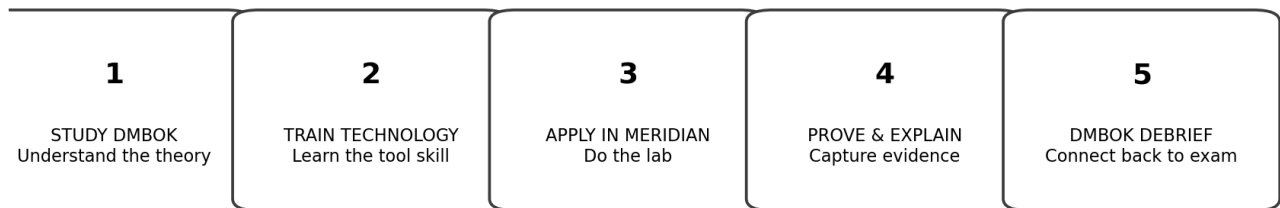


START HERE — CDMP Applied Data Management Laboratory

Meridian Commerce Group • Turn DMBOK theory into work you can see, break, repair, explain and remember

CDMP DMBOK Mastery Lab • Applied Learning Companion Program

🎯 Purpose: This is the hands-on companion to the existing CDMP DMBOK Mastery Lab. The chapter guides remain the source-grounded theory system; this program gives that theory a living company, real data structures, real SQL/Python/database work, management artifacts, incidents and evidence.



RECALL • COMPARE • BREAK IT • REPAIR IT • REBUILD WITHOUT THE SCRIPT

The lab is successful only when you can explain both the technical action and the Data Management reason behind it.

The core applied-learning loop.

How the two CDMP systems work together

The original Mastery Lab answers: “What does DAMA mean, what must I distinguish, and how might I reason about it?” The Applied Laboratory answers: “What does this look and feel like when an organization actually has the problem?” You do not replace reading with labs. You deliberately alternate theory, technology skill-building, application, explanation and exam-oriented retrieval.

1. Learn the DMBOK chapter with the existing chapter package.
2. Train only the technology prerequisites needed for the upcoming applied work.
3. Enter the Meridian Commerce Group scenario and predict what you expect to find before touching the tool.
4. Do the lab and capture evidence: SQL, screenshots, diagrams, decision records, metrics or documents.
5. Break or diagnose something when the lab calls for it, then repair it.
6. Rebuild the important part without following the original script line by line.
7. Complete the DMBOK Debrief: explain what the lab demonstrated, what neighboring concept could be confused with it, and how the chapter terminology maps to what you saw.

The three rules that protect the learning

 **Rule 1 — Understand before script:** A supplied script is scaffolding, not the lesson. Important scripts must be read, explained, modified and eventually rebuilt in a smaller form from a blank editor.

 **Rule 2 — DMBOK controls the chapter meaning:** A chapter lab is not finalized until that chapter PDF has been read. Lab implementation details may be original, but DAMA concepts, terminology, roles, processes and claims come from the controlling chapter.

 **Rule 3 — Do not become a different professional by accident:** The Technology Training & Competency Roadmap targets practical Data Management fluency. It deliberately stops before production DBA administration, advanced software engineering, complex cloud operations, distributed platform engineering or data-science modeling unless a later learning goal explicitly requires them.

Your main technology stack

Technology	Why it is in the program	Target depth
SQL	The language for interrogating, validating, reconciling and reshaping structured data.	Strong working fluency.
PostgreSQL	A real relational DBMS for schemas, tables, keys, constraints, roles, views, transactions and warehouse structures.	Practical Data Management user / builder; not production DBA.
DBever	A visual database workbench for exploring objects and metadata, writing SQL and inspecting results.	Strong everyday workbench fluency.
Python	Repeatable file handling, data generation, profiling, validation and automation.	Practical scripting fluency.
pandas	Tabular cleaning, reconciliation, profiling and file/database interchange.	Strong working fluency for Data Management tasks.
Git	Version history and evidence discipline for SQL, Python, definitions and lab assets.	Strong project basics.
VS Code + PowerShell	The environment in which scripts, folders, commands and reproducible project work make sense.	Comfortable practical literacy.
Later tools	DuckDB, Metabase, OpenMetadata and API/Postman work are introduced only when a chapter benefits.	Targeted, chapter-driven fluency.

Meridian Commerce Group in one paragraph

Meridian Commerce Group, Inc. (MCG) is a fictional omnichannel retail/e-commerce company with stores, an online channel, fulfillment operations, suppliers, a customer-service organization and an analytics function. It is intentionally messy: systems disagree about customers and products; definitions differ; data quality defects appear; transformations are not always documented; sensitive attributes need protection; reports can be hard to trace; reference lists drift; documents have retention questions; and governance/accountability are incomplete. Every defect is synthetic and exists so a DMBOK discipline has something tangible to solve.

When you are “done” with a lab

- You can explain the business problem before naming the tool.
- You can explain the relevant DMBOK concept in DAMA terminology.
- You can perform the core technical or management task with decreasing reliance on the tutorial.
- You can interpret the output rather than merely produce it.
- You have evidence that another person could inspect.
- You can state what would go wrong if the discipline or control were absent.
- You can distinguish the lab concept from at least one nearby concept.
- You can answer a short scenario or retrieval question after the lab without reopening the instructions.

Where to go next

 **PRIMARY EXECUTION ROUTE — MAIN 00C:** The detailed execution system lives outside this Applied Laboratory because it coordinates both Main 00A (DMBOK Mastery/Study System) and Main 00B (this Applied Laboratory). Main 00 is only the doorway/navigation folder. For normal study, open the 00C Execution Checklist, find the first unfinished Sequence, and then open the matching 00C manual card.

Folder	Use it for
01 — Program Curriculum & Roadmaps	The 17-chapter applied curriculum map and future program roadmaps. Main 00B's governing build/QC rules live in its internal 00A control area.
02 — Meridian Company & Casebook	The fictional company, processes, systems, roles, data domains, scenarios and defects.
03 — Technology Training & Competency Roadmap	Use the competency roadmap to decide what technology to learn, why it matters, target depth and readiness. Choose your own courses/books/videos; the program does not need to author full technology courses.
04 — Lab Environment, Data & Setup	Local setup, synthetic source data, scripts, diagrams, evidence and rebuild material.
05 — Applied Labs	Contains 01 — DMBOK Chapter Labs — Chapters 1–17 and 02 — Cross-Chapter Capstones & Incidents.
00A — Applied Lab Internal Program Control & Build Specification	The Applied Lab master program guide plus the execution, evidence and QC standard. This is the controlling build area inside Main 00B. Main 00C — CDMP Master Step-by-Step Study & Lab Execution System controls the learner's integrated study/lab order across Main 00A and Main 00B; Main 00 is the short navigation doorway.
06 — Evidence, Portfolio, Trackers & Templates	Contains the evidence/portfolio journal area plus templates, registers and the master tracker.
99 — Reference Sources & Borrowed Patterns	Reference material and structural patterns borrowed from other projects without changing Meridian/DMBOK source authority.