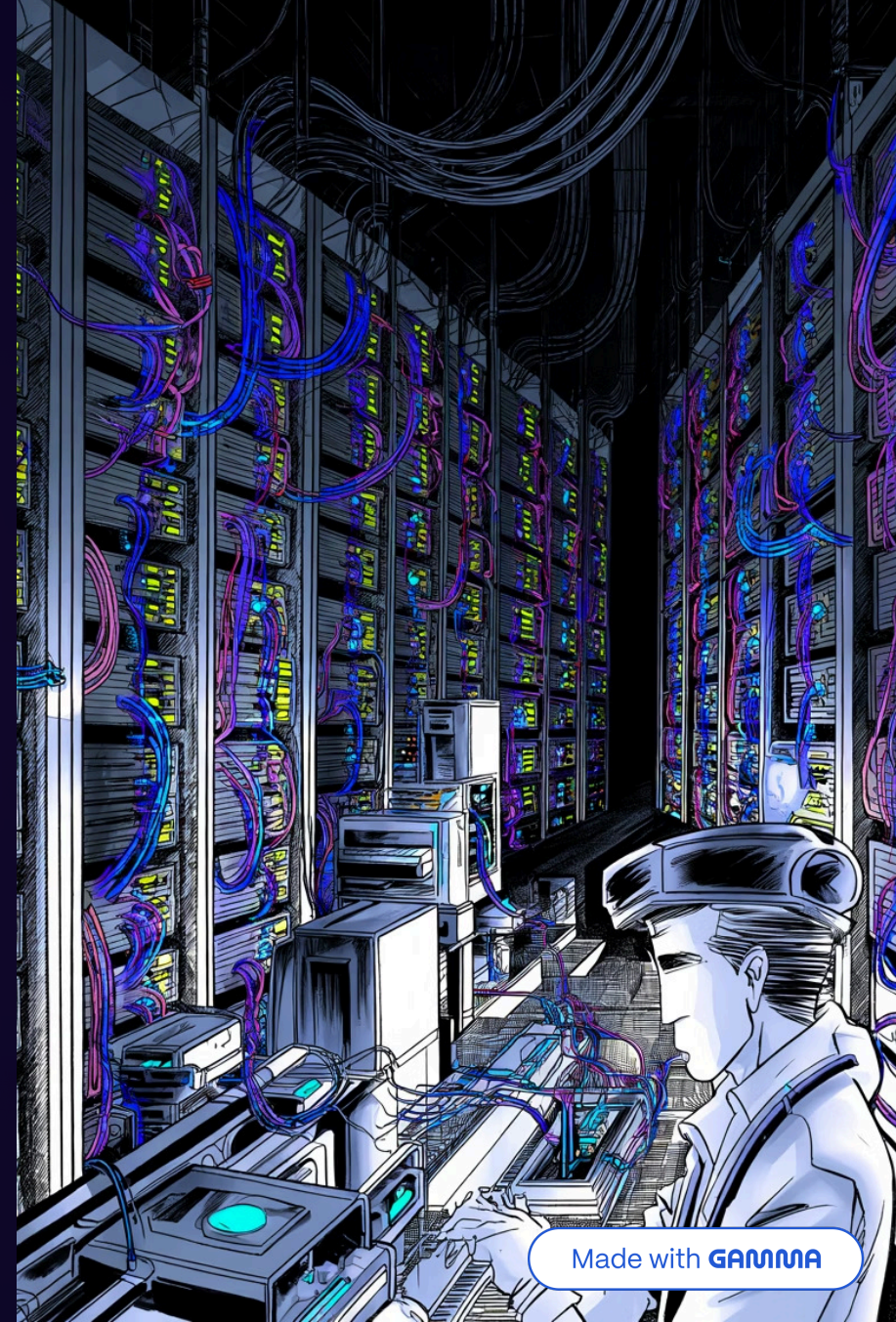


Microsoft DP-800 Exam: Complete Guide 2026

SQL AI Developer Associate · Everything You Need to Pass

EXAM READY 2026

YOUTUBE STUDY GUIDE



Made with GAMMA

What is DP-800?



Exam Overview

- **Official name:** Exam DP-800 – Developing AI-Enabled Database Solutions
- **Certification:** Microsoft Certified: SQL AI Developer Associate (Beta)
- **Level:** Intermediate | **Role:** Developer | **Subject:** Data Management
- **Passing score:** 700 out of 1000
- **Duration:** 100 minutes | **Language:** English
- **Proctored via:** Pearson VUE | **Updated:** March 12, 2026

Who Should Take This Exam?

Core Expertise

Subject matter experts in AI-enabled database solutions working across SQL Server, Azure SQL, and SQL in Microsoft Fabric.

Technical Skills

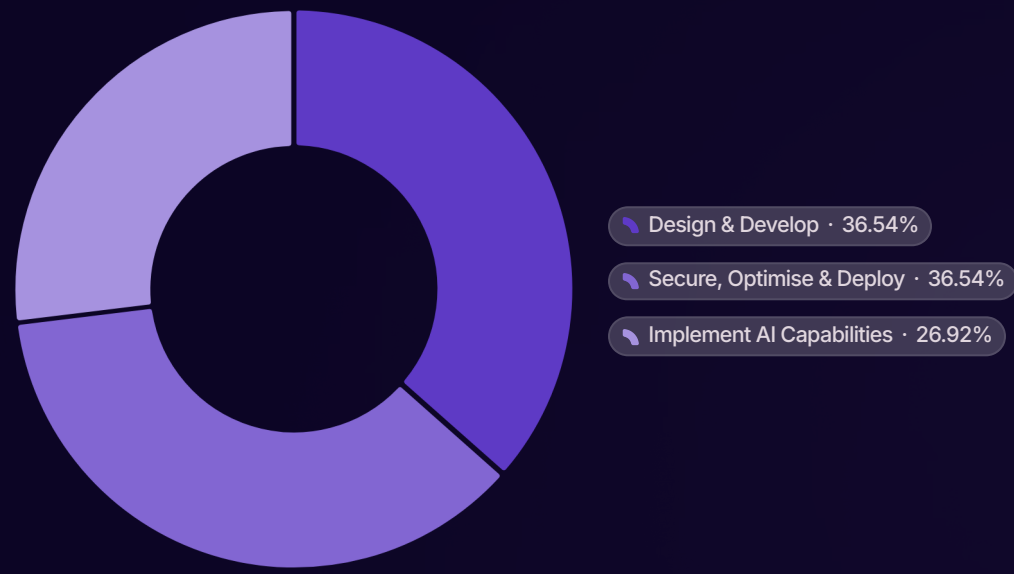
Must write T-SQL code confidently and understand CI/CD via GitHub, AI tools like Copilot, and AI concepts including embeddings, vectors, and models.

Who You Collaborate With

Works alongside app developers, DBAs, architects, AI engineers, DevSecOps, and security administrators.



Exam Domains at a Glance



Three Core Skill Areas

Domain 1

Design & Develop Database Solutions — **35–40%**

Domain 2

Secure, Optimise & Deploy Database Solutions — **35–40%**

Domain 3

Implement AI Capabilities in Database Solutions — **25–30%**

Design & Develop Database Solutions (35–40%)



Database Objects

Tables, indexes, constraints, JSON, graph, temporal, ledger, in-memory OLTP, and partitioning strategies.



Programmability

Views, user-defined functions, stored procedures, and triggers for reusable, maintainable logic.



Advanced T-SQL

CTEs, window functions, JSON functions, regex, fuzzy matching, graph queries, and robust error handling.



AI-Assisted Development

GitHub Copilot, Copilot in Fabric, MCP configuration, and instruction files to accelerate coding workflows.

Secure, Optimise & Deploy (35–40%)



Security & Compliance

Always Encrypted, Dynamic Data Masking, Row-Level Security, object-level permissions, auditing, and passwordless access via Managed Identity.



Performance Optimisation

Query plans, DMVs, Query Store, Query Performance Insight, transaction isolation levels, and deadlock detection.



CI/CD Pipelines

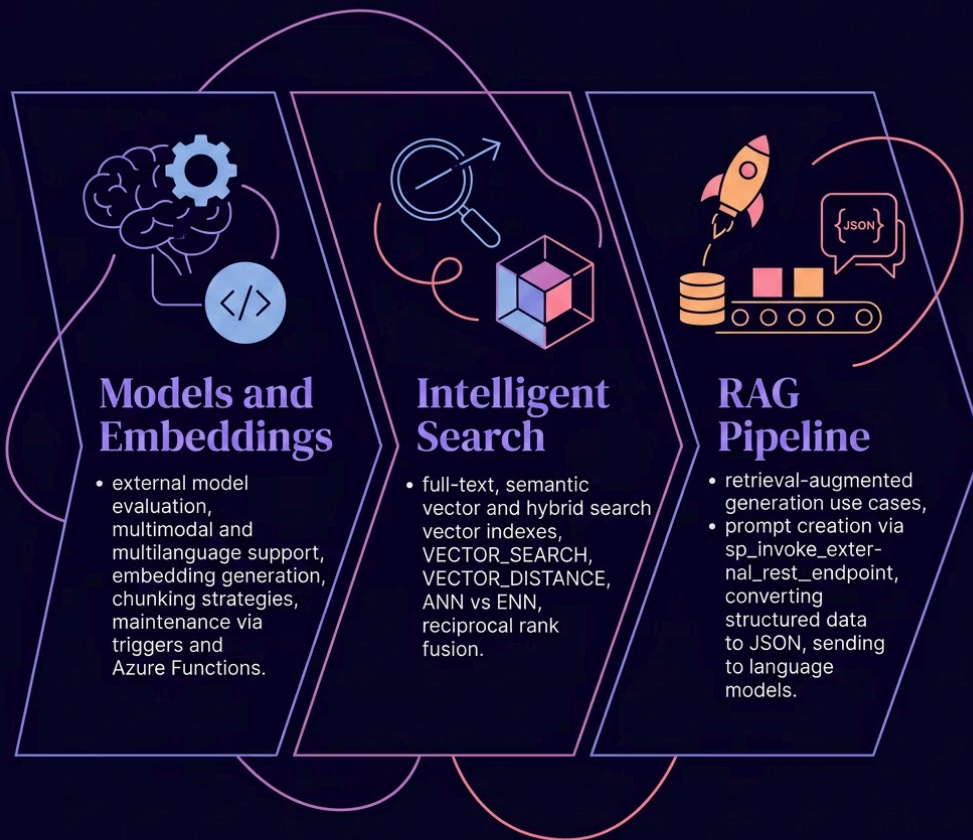
SQL Database Projects with branching, pull requests, unit tests, schema drift detection, and automated deployment pipelines via GitHub.



Azure Integration

Data API Builder (DAB), REST/GraphQL endpoints, CDC, Change Tracking, Azure Functions, and Logic Apps.

Implement AI Capabilities (25–30%)



Why This Domain Matters

AI capabilities are what make DP-800 unique among Microsoft database certifications. Expect questions on the full RAG pipeline — from chunking and embedding to vector search and LLM response extraction.

- ① Key functions to memorise: `VECTOR_SEARCH`, `VECTOR_DISTANCE`, and `sp_invoke_external_rest_endpoint`.

Key Technologies You Must Know



SQL Server & Azure SQL



SQL in Microsoft Fabric



GitHub Copilot + CI/CD



Vector Search & Embeddings

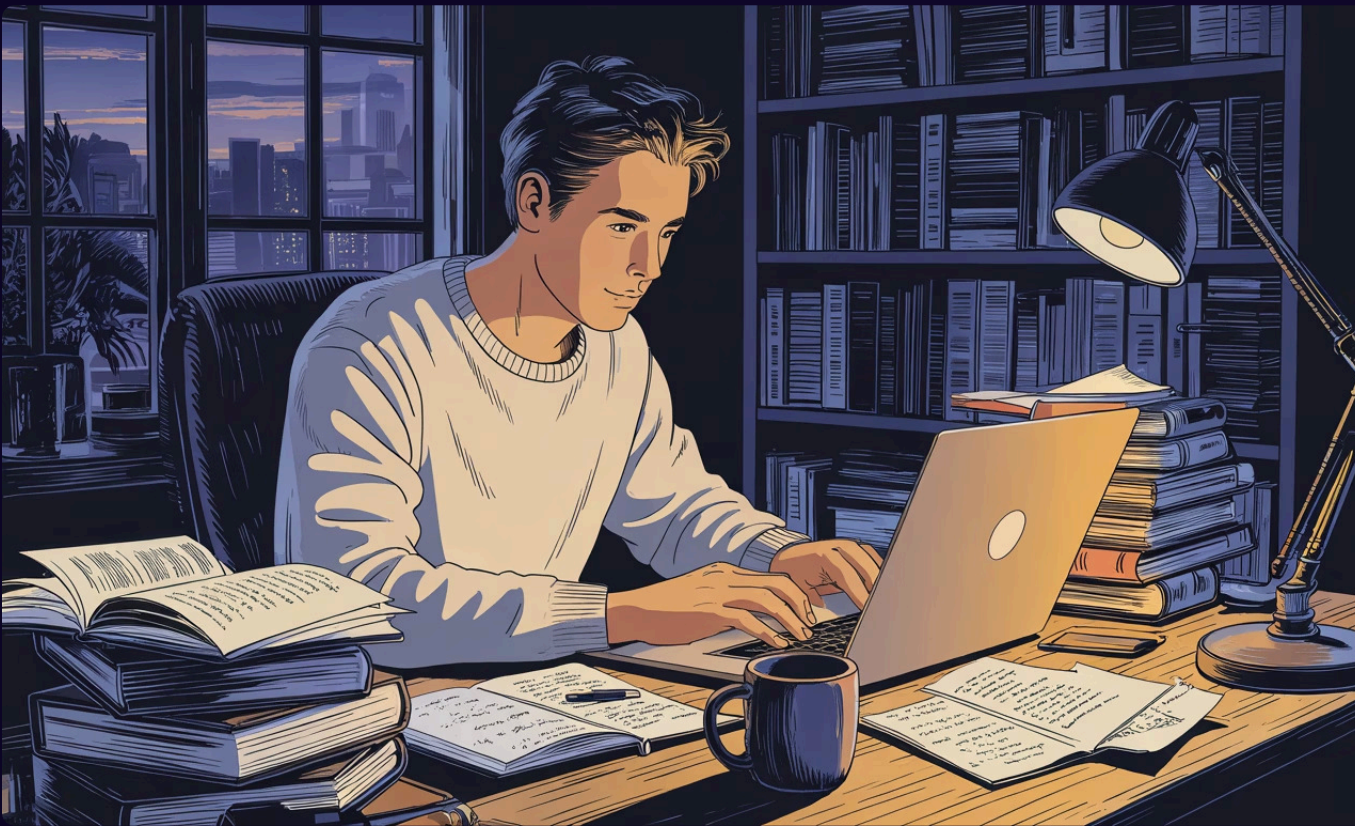


MCP + Data API Builder



Azure Functions & Logic Apps

Exam Day Tips & Policies



→ Study the Official Guide

Use the DP-800 Study Guide on Microsoft Learn — updated March 2026 — as your primary source of truth.

→ Use the Exam Sandbox

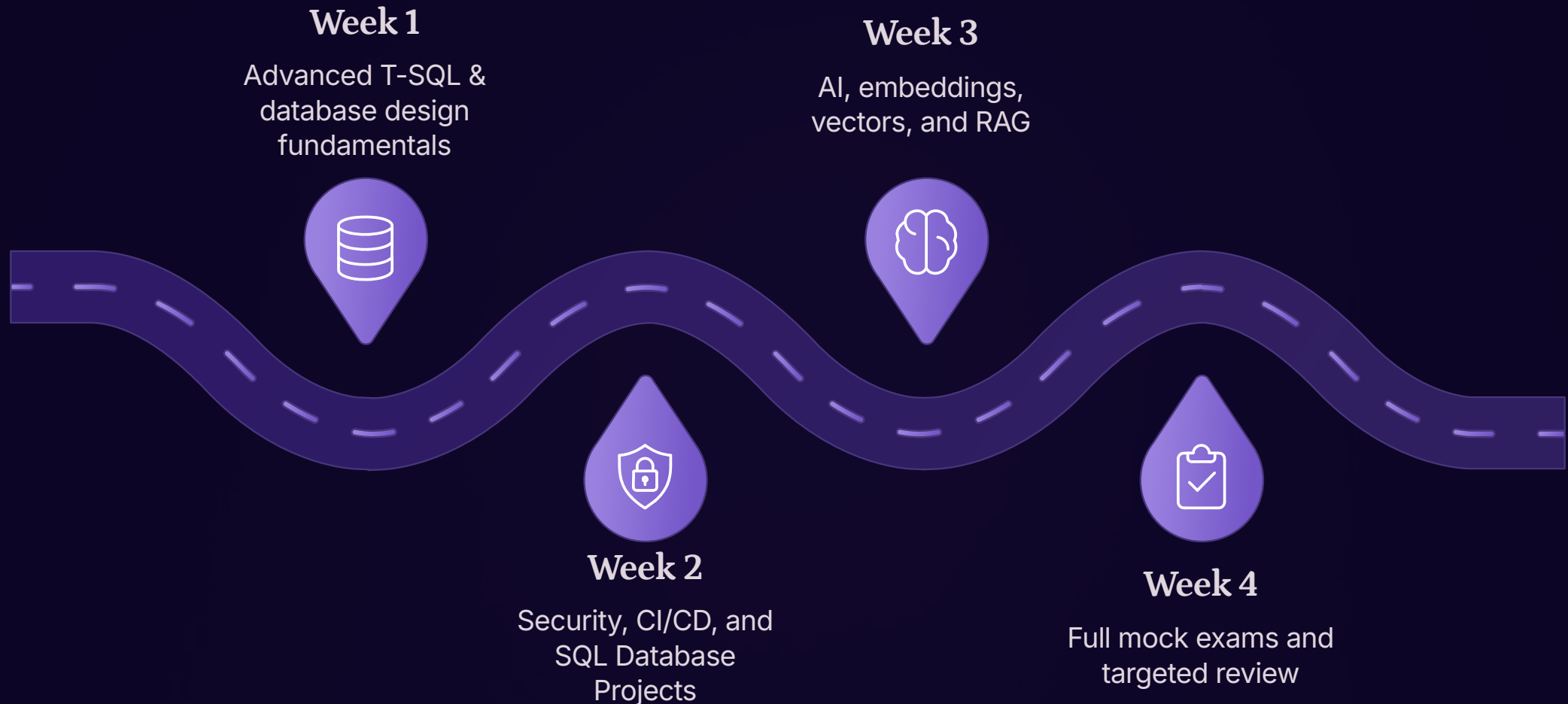
Microsoft's free Exam Sandbox lets you preview question types and the interface before test day.

→ Know the Retake Policy

Wait 24 hours after a first failure before re-sitting. Beta exams: results are delayed — be patient.

⚠ Target score: **700/1000** to pass.
Request accommodations in advance if needed.

Your 4-Week Study Roadmap



Stick to this weekly structure to cover all three domains systematically. Aim for **80%+ on practice tests** before booking your exam. Use **Microsoft Learn**, the **Exam Readiness Zone**, **Data Exposed**, and **dp-800exam.com** for daily practice. Like, subscribe, and hit the bell for more Microsoft Certification guides! 📌