

PROFESSIONAL COURSE OUTLINE

Microsoft

Program aligned

Build AI-powered solutions by using Microsoft Azure Database for PostgreSQL

To earn this Microsoft Applied Skills credential, demonstrate the ability to develop AI-powered solutions with Azure Database for PostgreSQL.

As a candidate for this credential, you should have experience writing SQL queries and Python. You should also be familiar with general AI concepts and RAG frameworks.

Data

Intermediate

Azure Database Postgresql

Applied Skill

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

Applied skill assessment

CERTIFICATION

Microsoft Applied Skills credential

AUDIENCE PROFILE

Who This Program Is For

Built for Developer learners validating applied skill in Azure Database Postgresql.

PROGRAM SUMMARY

What This Course Covers

To earn this Microsoft Applied Skills credential, demonstrate the ability to develop AI-powered solutions with Azure Database for PostgreSQL.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



Plan the next session

We can tune this outline around your delivery goals and team mix.

TALK TO US

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MODULE 1

Build AI Apps with Azure Database for PostgreSQL

Build AI Apps with Azure Database for PostgreSQL. (AI-3019)

- Get started with generative AI in Azure Database for PostgreSQL
- Enable semantic search in Azure Database for PostgreSQL
- Integrate AI Services to enrich your applications with intelligent features in Azure Database for PostgreSQL
- Build RAG applications with Azure Database for PostgreSQL
- Implement generative AI agents with Azure Database for PostgreSQL
- Develop PostgreSQL solutions in Visual Studio Code with the PostgreSQL extension and GitHub Copilot

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