

MICROSOFT OFFICIAL CURRICULUM

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.

Data

Intermediate

Azure

Applied Skill

DURATION

Applied skill assessment

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Applied Skills credential

AUDIENCE PROFILE

Built for these roles

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

OVERVIEW

Executive overview

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.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Strengthen capability in artificial intelligence scenarios
- Strengthen capability in databases scenarios
- Strengthen capability in developer scenarios
- Strengthen capability in azure scenarios

TALK TO US

-  info@vnodeites.com
 +91 9779 91 4792
 WhatsApp · +91 9779 91 4792
 +91 9419 11 4792

OFFICE

DLF Cyber City, Gurugram
Haryana — India
Azure · AI · Data · Power Platform

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds hands-on readiness for Build AI-powered solutions by using Microsoft Azure Database for PostgreSQL using the current official Microsoft Applied Skills study guide.

Customization options

- Use your tenant, data, and workflow scenario where appropriate
- Add guided practice labs before assessment readiness
- Extend into implementation coaching for production adoption

CURRICULUM

Curriculum roadmap

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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

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

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