

# DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB

**Category:** Data & Analytics | **Vendor:** Microsoft

**Duration:** 32.00 hours (4 days)

**26.0 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

This course teaches developers how to create application using the SQL API and SDKs for Azure Cosmos DB. Students will learn how to write efficient queries, create indexing policies, manage and provisioned resources, and perform common operations with the SDKs.

## About This Course

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## Who Should Attend

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Software engineers tasked with authoring cloud-native solutions that leverage Azure Cosmos DB SQL API and its various SDKs. They are familiar with C#, Python, Java, or JavaScript. They also have experience writing code that interacts with a SQL or NoSQL database platform.

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

After completing this course, students will be able to:

Create and configure Azure Cosmos DB SQL API account, database, and container

Use the .NET SDK to manage resources and perform operations

Perform queries of varying complexity

Design a data modeling and partitioning strategy

Optimize queries and indexes based on characteristics of an application

Use the Azure Resource Manager to manage accounts and resources with CLI or JSON and Bicep templates

## Additional Course Details

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Nexus Humans DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 4-day DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB training?**

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB?**

Yes, we provide corporate training, dedicated training, and closed classes for DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## **Q: What related terms do people search for?**

Popular related searches include: dp420 dp 420

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## Q: Why choose Nexus Human for DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

✉ Email: [info@nexushuman.com](mailto:info@nexushuman.com)

🌐 Website: [www.nexushuman.com](http://www.nexushuman.com)

☎ Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)