



800 XP

# Design an Azure Cosmos DB for MongoDB database

50 min • Module7 Units

Intermediate

Developer

Azure Cosmos DB

This module will introduce Azure Cosmos DB modeling, shard keys and indexing concepts. We will also discuss Azure Cosmos DB for MongoDB collection's support for MongoDB aggregation pipelines.

## Learning objectives

- Modeling and shard keys.
- Azure Cosmos DB for MongoDB Indexes.
- Aggregation pipeline

[Start >](#)[⊕ Add](#)

## Prerequisites

Before starting this module, you should have experience of building cloud applications with Microsoft JavaScript, Java, Python, C# or a similar programming language.

## This module is part of these learning paths

[Azure Cosmos DB for MongoDB](#)

### Introduction

1 min

### Models and shard keys

8 min

### Azure Cosmos DB for MongoDB indexes

3 min

### Aggregation pipeline

7 min

### Exercise – Indexes and aggregation pipelines

25 min

## Knowledge check

5 min

## Summary

1 min