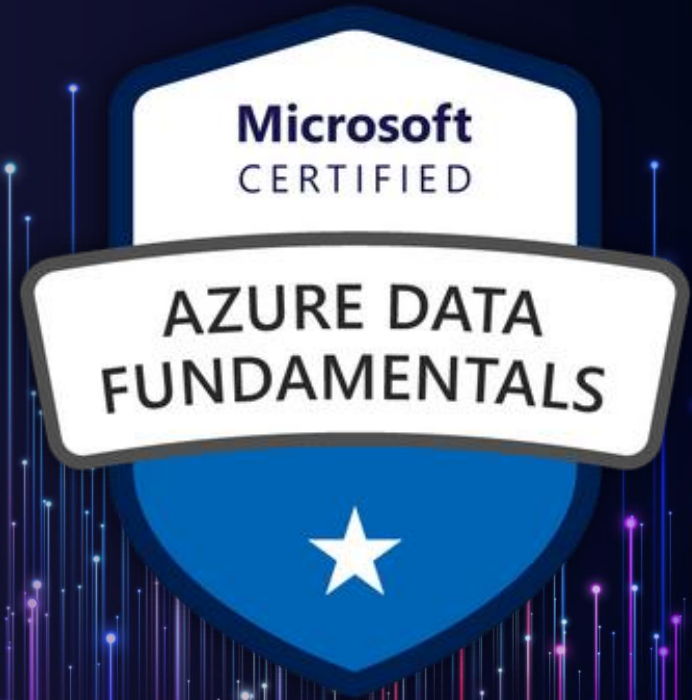


DP-900: Microsoft Azure Data Fundamentals

Mallik Gandhamsetty

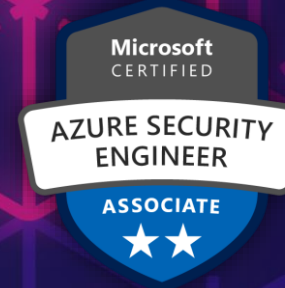
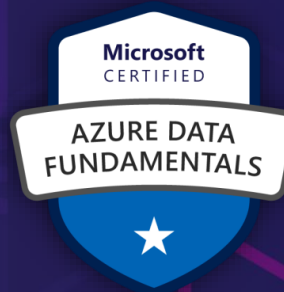


Hello!



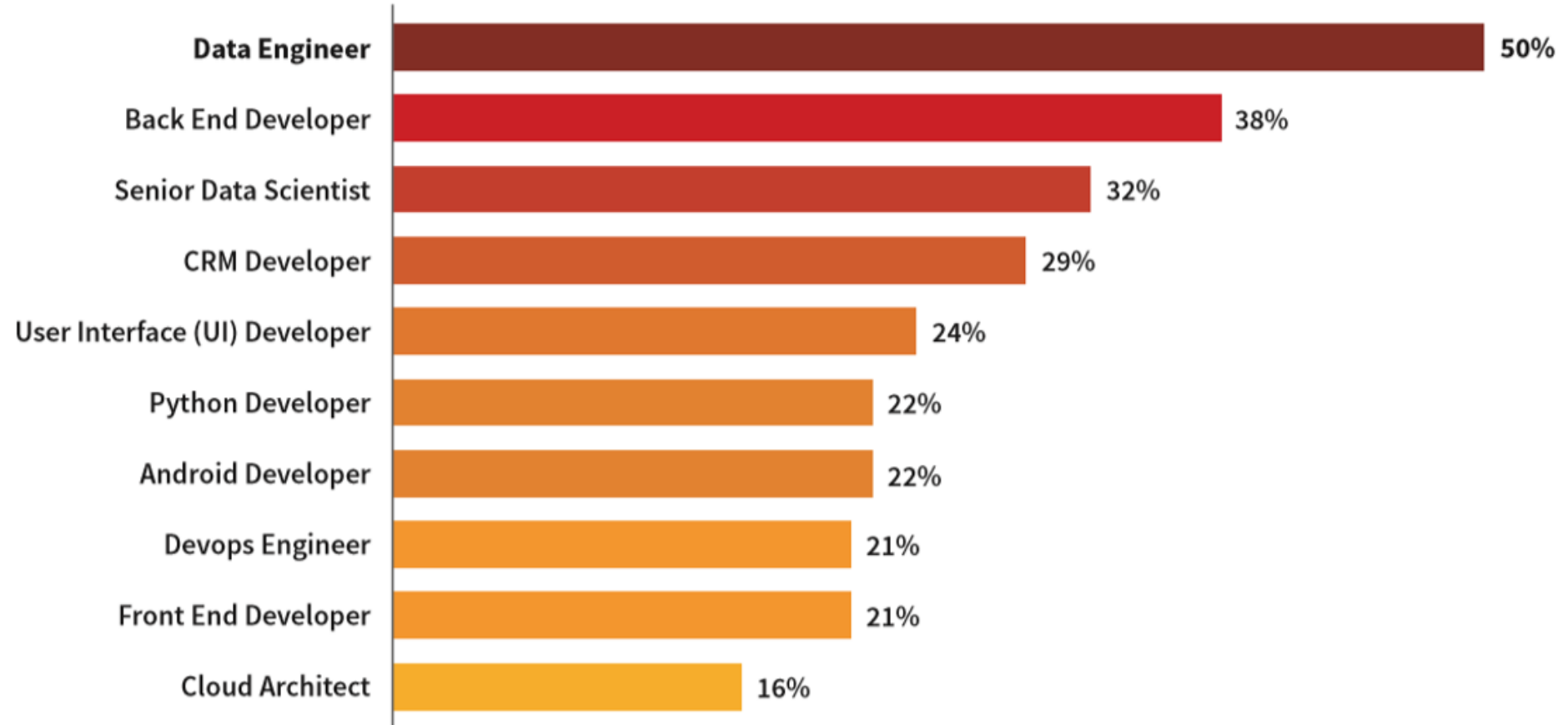
Mallik Gandhamsetty

Microsoft Certified Trainer
Cloud Solutions Architect
11+ Years of experience



FASTEST GROWING TECH OCCUPATIONS

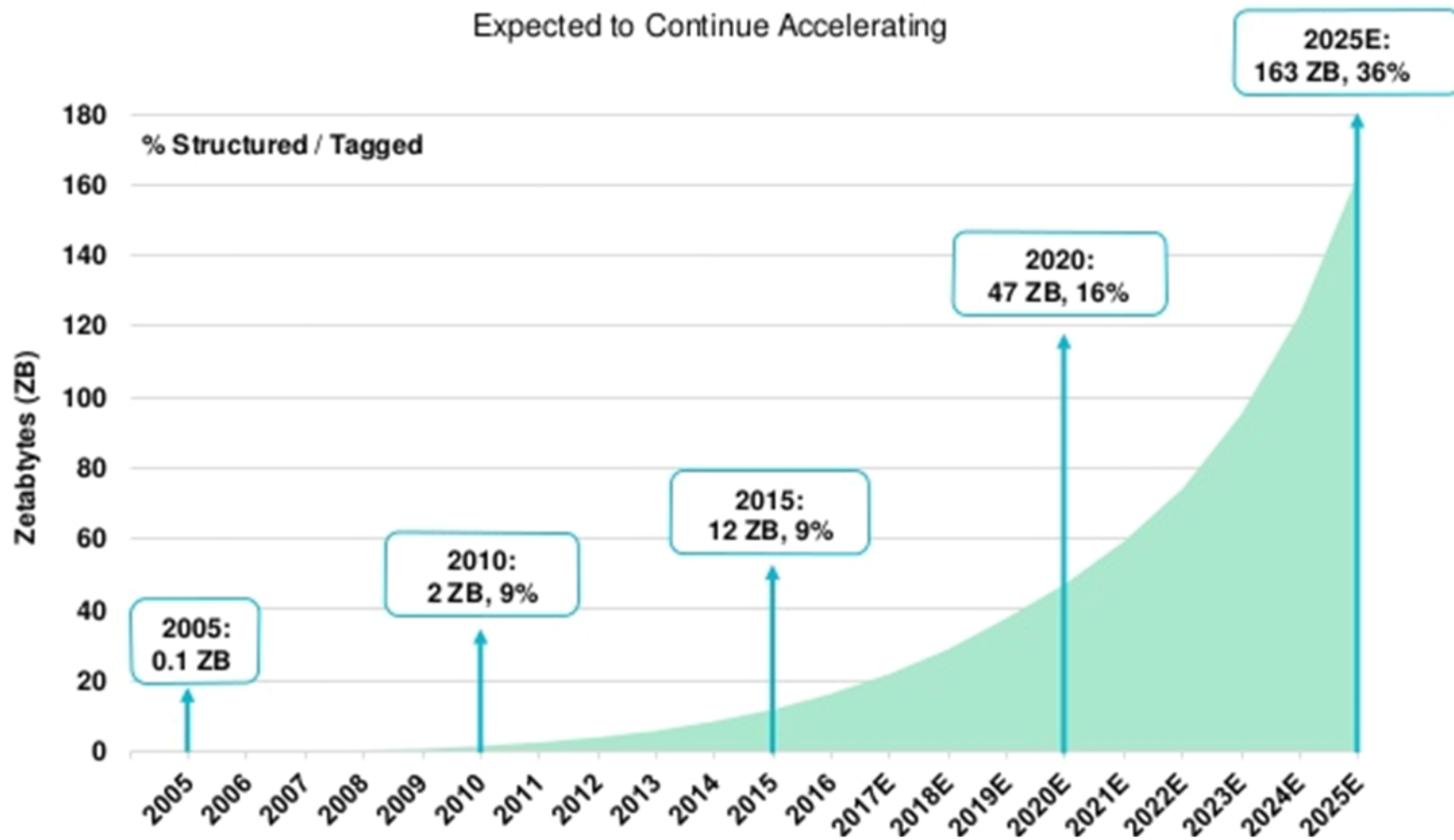
YEAR-OVER-YEAR GROWTH



Source: [Dice 2020 Tech Job Report](#)

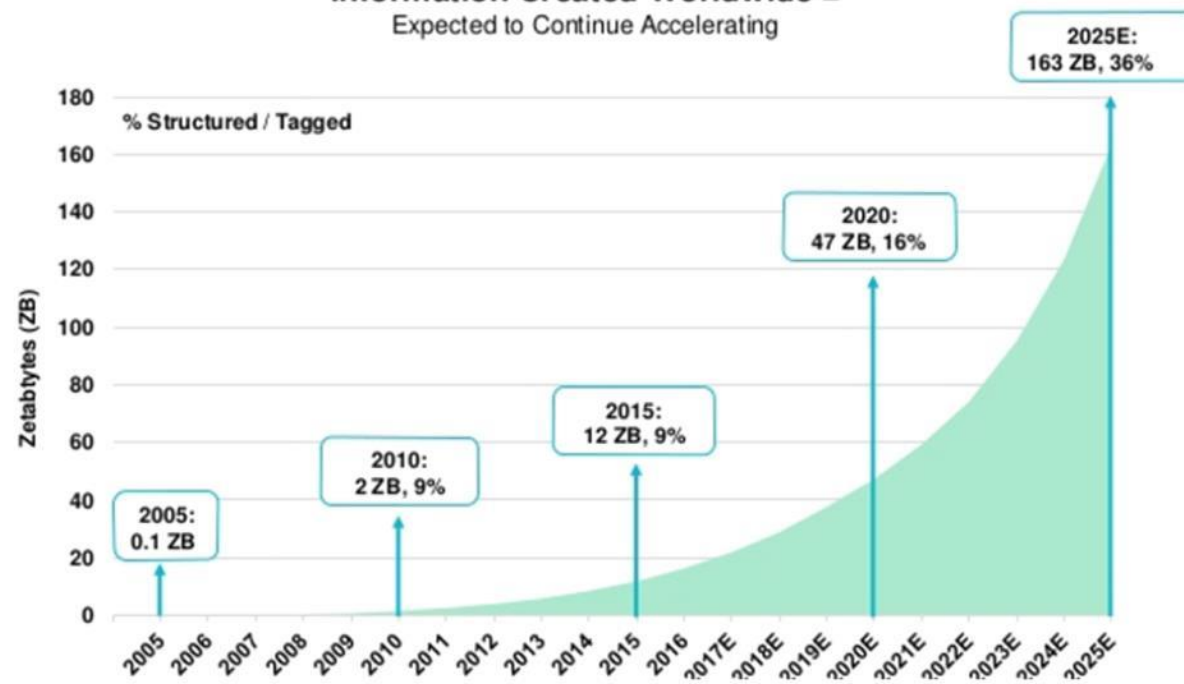
Information Created Worldwide =

Expected to Continue Accelerating



Information Created Worldwide =

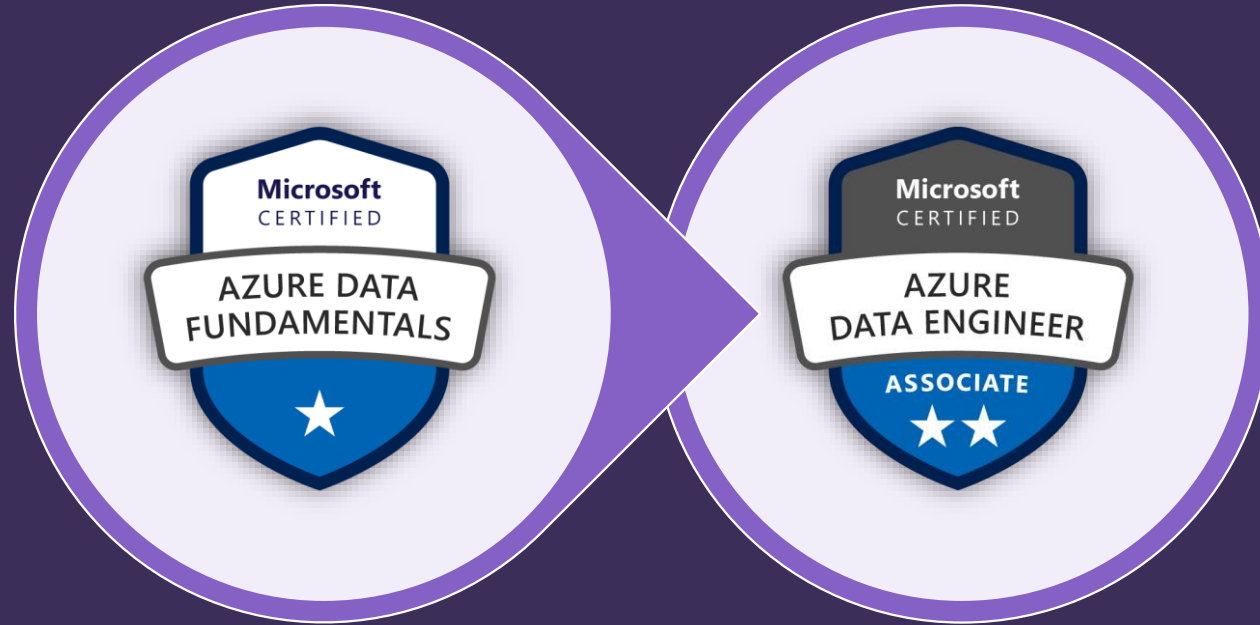
Expected to Continue Accelerating



WHAT'S A ZETTABYTE?

1 kilobyte	1,000,000,000,000,000,000
1 megabyte	1,000,000,000,000,000,000,000
1 gigabyte	1,000,000,000,000,000,000,000,000
1 terabyte	1,000,000,000,000,000,000,000,000,000
1 petabyte	1,000,000,000,000,000,000,000,000,000,000
1 exabyte	1,000,000,000,000,000,000,000,000,000,000,000
1 zettabyte	1,000,000,000,000,000,000,000,000,000,000,000,000

Data Engineering Certification Path



Intended Audience

- Anyone who wants to clear DP-900 exam
- Anyone who wants to learn basics of data services in Azure

Prerequisites

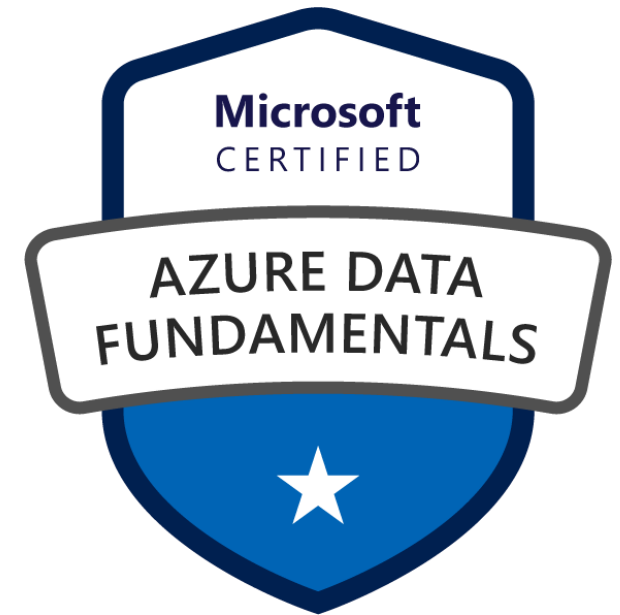
- Absolutely no prerequisite

What's next after this?

- Azure Data Engineer Associate (DP-203)

What is part of this?

- 8 hrs. of instructor led delivery, Practice test, quizzes
- Exam Prep



Exam Details

- Exam Duration: 60 Minutes
- Number of Questions: 49 (40-60)
- Passing marks – 700/1000 points

Types of questions

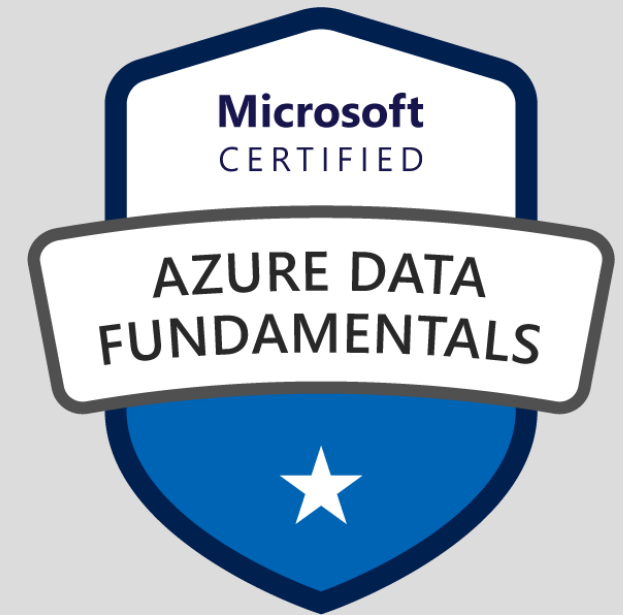
- Multiple choice question
- Multiple select question
- Drop down
- True/False

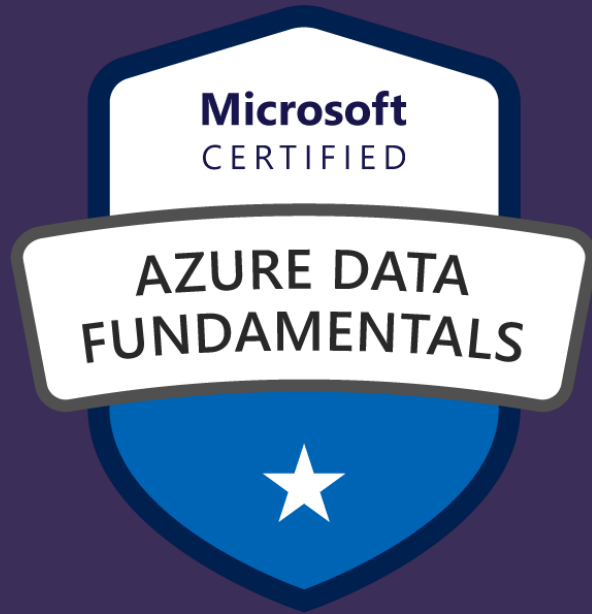
Does NOT have

- Case studies
- Labs

Exam Tips

- Mark for review
- Eliminate wrong answers
- Look for keywords
- Marking system - 700 points out of 1000 points, NOT 70%
 - Partial correct answer also have points
 - No negative marking
- Comment on questions





Syllabus



Course Outline

The learning objectives and Skills outline for this exam

Modules

01

Core data concepts

Basics - types of data, processing, analytics and reports

02

Relational Data - Azure

Basics of Relational DB and corresponding offerings in Azure

03

Non-Relational Data - Azure

Basics of Non-Relational DB and corresponding offerings in Azure

04

Analytics workloads - Azure

Basics of Data Analytics and corresponding offerings in Azure

Course Outline

Module	Lessons
Module 1: Describe core data concepts	<ul style="list-style-type: none">• Explore core data concepts• Explore roles and responsibilities in the world of data• Describe concepts of relational data• Describe concepts of non-relational data• Describe concepts of data analytics
Module 2: Describe how to work with relational data on Azure	<ul style="list-style-type: none">• Describe relational data workloads• Explore relational data services in Azure• Identify basic management tasks for relational data• Describe query techniques for data using SQL language
Module 3: Describe how to work with non-relational data on Azure	<ul style="list-style-type: none">• Describe non-relational data workloads• Describe non-relational data offerings on Azure• Identify basic management tasks for non-relational data
Module 4: Describe an analytics workload on Azure	<ul style="list-style-type: none">• Describe analytics workloads• Describe the components of a modern data warehouse• Describe data ingestion and processing on Azure• Describe data visualization in Microsoft Power BI