



Azure Data Engineering Certification

Scan this QR-code to access **free resources, step-by-step learning guides** as well as get practical experience in **Azure Data!**

<https://aka.ms/AAbguhw>



Don't forget to add **Microsoft Azure as a skill** to your LinkedIn account to stay connected with a developer community!



We post the latest announcements about **free events for developers** in Ireland on our official Twitter account!

+ Microsoft Azure

@MSDevIRL



Azure Data with Elkhan Yusubov

**How to upskill with Azure Data Engineering
Certification**

 **17 Mar 2021**

**Getting started with Data Transformation Services
in Azure**

 **24 Mar 2021**

 **18:00 (UTC)**



www.cloudlunchlearn.com

In collaboration with



Microsoft

T-REX



Elkhan Yusubov
Principal Cloud Architect
T-Rex Solutions



Elkhan is a principal cloud architect and 14 times MSFT MCT with experience in cloud solutions, enterprise healthcare systems and healthcare data, and API standards (HL7 FHIR, EDI X12).

He is an active MCT, Senior member of Microsoft Tech Community, Contributor and Azure SME (Architecture, DevOps, Security).

He is a frequent speaker at tech meetups and has volunteered for Give Camps, Azure Data Fest, SQL Saturday and Global Azure events.

The Cloud Marathoner - www.thecloudmarathoner.com

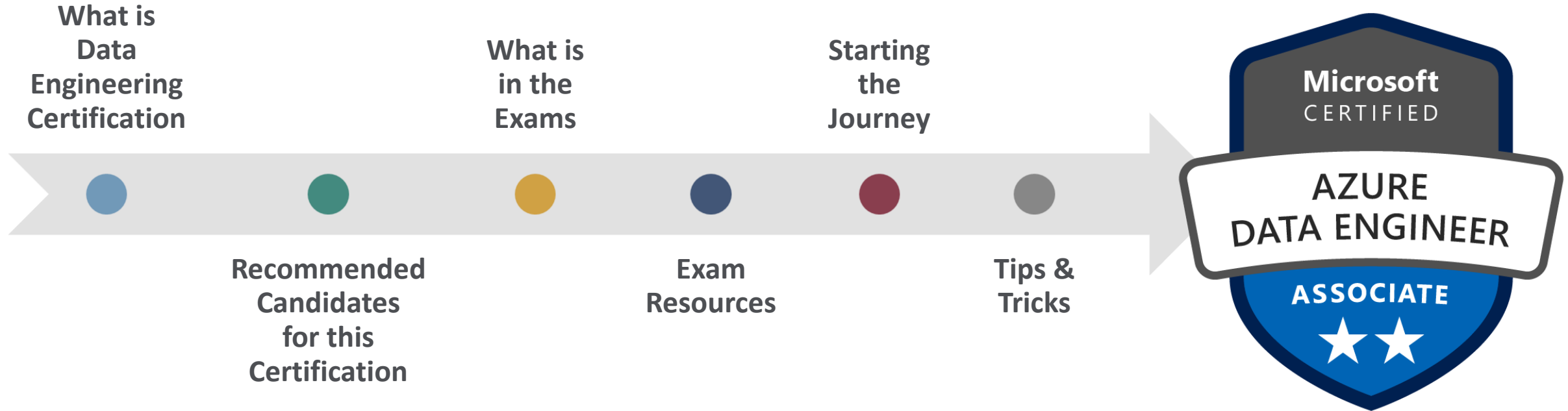
- ▶ **A Prime Contractor on 2020 Census**, one of the largest (scale) and most complex mission critical cloud/cyber/data analytics integration projects within the federal government

Application Components
285+

- ## US Census 2020 Technical Integrator



What we will cover



What we will not cover



Exam questions



Proprietary materials from exam or MOC



Exam rumors



Preview features

Overview of Data roles



Data Engineer



Business Analyst



Data Analyst



Data Scientist



Database
Administrator

What is Azure Data Engineering certification ?

What is Data Engineer role?



What are the levels of Data Engineering certification?



Who should start with DP-900?

Data Engineer – responsibilities



Workload
environments



Tools



Data pipelines



Data
management



Security

Modern data types



STRUCTURED DATA



UNSTRUCTURED DATA



SEMI-STRUCTURED DATA

Recommended candidates for the certification ?



PROVISIONING DATA
STORAGE SERVICES



INGESTING STREAMING
AND BATCH DATA AND
TRANSFORMING DATA



IMPLEMENTING SECURITY
REQUIREMENTS AND DATA
RETENTION POLICIES



IDENTIFYING
PERFORMANCE
BOTTLENECKS

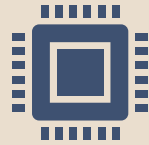


ACCESSING EXTERNAL
DATA SOURCES

What is in the exam DP-200?



Implement data storage solutions
(40-45%)



Manage and develop data
processing (25-30%)

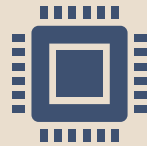


Monitor and optimize data solutions
(30-35%)

What is in the exam DP-201?



Design Azure data storage solutions
(40-45%)



Design data processing solutions
(25-30%)



Design for data security and
compliance (25-30%)

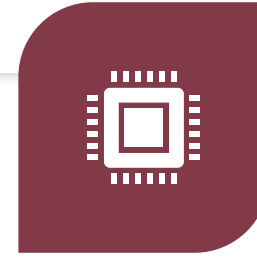
Exam Resources



OFFICIAL EXAM WEBSITE
AND [EXAM OBJECTIVES](#)



MICROSOFT LEARN MODULES
FOR [AZURE DATA ENGINEER](#)



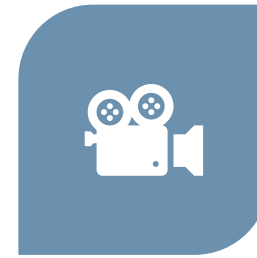
MICROSOFT DOCUMENTATION
RESOURCES: [ELYUSUBOV/DP-200-REFERENCES](#)



MICROSOFT LEARN
LABS: [ELYUSUBOV/DP-200-REFERENCES](#)



A CLOUD GURU RESOURCE
FOR [DP-200](#) EXAM

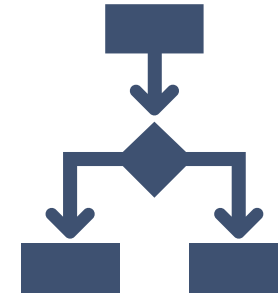


PLURALSIGHT VIDEO TRAINING
ON AZURE [DP-200](#)

I'm in,
how to
start the
journey?



Measuring your skills with
Pluralsight IQ



Register for the exam(s)

Build expertise in Azure

Continue learning [View all >](#)



Implementing a Relational Database in Microsoft Azure SQL Database
Reza Salehi · Intermediate
19m of 2h 54m



Developing AI Models in Microsoft Azure
Sahil Malik · Intermediate
1h 7m of 1h 31m



Incident Response and Remediation in Microsoft Azure
Ammar Hasayen · Advanced
5m of 2h 11m



Securing the Application Lifecycle in Microsoft Azure
Reza Salehi · Advanced
1m of 1h 25m



Choosing the Appropriate Microsoft Azure Services and Features
James Bannan · Beginner
30m of 2h 0m



Designing Machine Learning Solutions on Microsoft Azure
David Tucker · Intermediate
1m of 1h 42m

Role IQ [View all >](#)



Microsoft Azure Administrator



Microsoft Azure Developer

Microsoft A



Building Data Pipelines in Microsoft Azure

Add to channel

Give Feedback

In a world increasingly dominated by data, it's more important than ever for data engineers and scientists to build data pipeline solutions that can support both traditional data warehouses and today's machine learning and AI solutions.

This path covers everything you need to know about building reliable, fast, and cost-effective data pipelines in Microsoft Azure so

Already know some Building Data Pipelines in Microsoft Azure? Find out where to start. [?](#)

Expert
92nd percentile

What's your Building Data Pipelines in IQ?

Skill IQs

Retake available



Building Data Storage Solutions with Microsoft...

PROFICIENT 150
50th percentile

VERIFIED 8.29.2020

Retake available



Developing Microsoft Azure AI Solutions

EXPERT 212
85th percentile

VERIFIED 8.16.2020

Retake available



Managing Security Operations in Microsoft...

PROFICIENT 168
62nd percentile

VERIFIED 7.11.2020

Retake available



Securing Data and Applications in Microsoft...

EXPERT 210
84th percentile

VERIFIED 7.11.2020

Retake available



Configuring Identity and Access in Microsoft Azure

EXPERT 232
92nd percentile

VERIFIED 7.11.2020

Retake available



Enabling Platform Protection in Microsoft...

EXPERT 234
92nd percentile

VERIFIED 7.5.2020



Add more skills to your profile

Tips & Tricks: Getting ready for the exam day

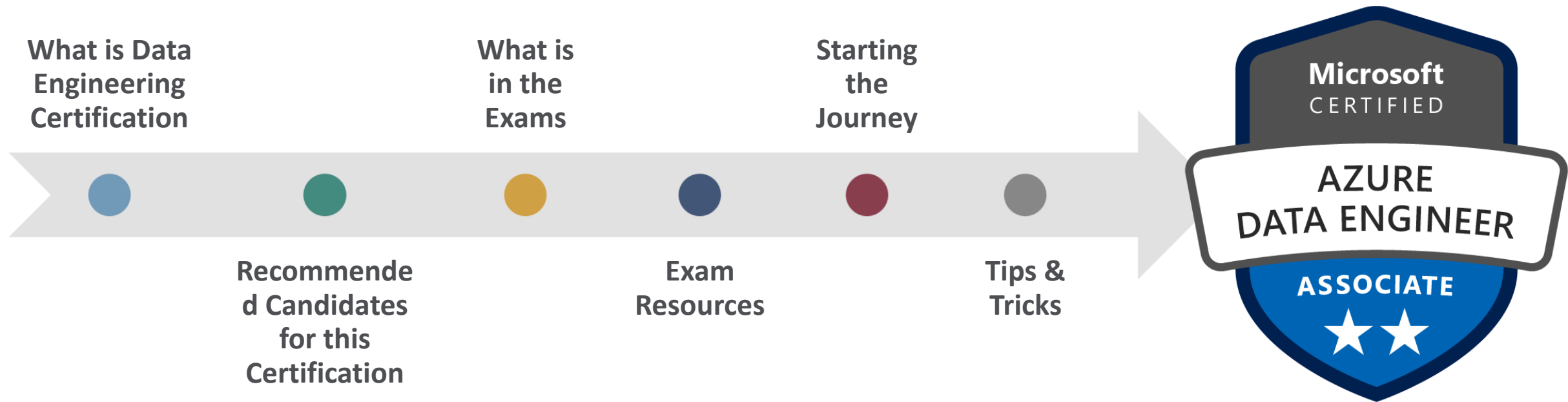
- Proctored exam
- Exam room environment
- Getting laptop ready
- Running tests
- Installing updates, think twice?
- Plan to contact Pearson Vue

Let's test what
we learned

Let's Kahoot together!!



What we have covered



T-FREX

Q & A



Elkhan Yusubov
Principal Cloud Architect
T-Rex Solutions

 @ElYusubov

 ElkhanYusubov

 ElYusubov



How to up-skill with Azure Data Engineering certification?

All you need to know to get ready for your upskilling journey



Azure Data Engineering Certification

Scan this QR-code to access **free resources, step-by-step learning guides** as well as get practical experience in **Azure Data!**

<https://aka.ms/AAbguhw>



Don't forget to add **Microsoft Azure as a skill** to your LinkedIn account to stay connected with a developer community!



We post the latest announcements about **free events for developers** in Ireland on our official Twitter account!

+ Microsoft Azure

@MSDevIRL