



# Microsoft Learn Spark possibility

AI-900

# AI Fundamentals



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*brainymotion*

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

[github.com/www42/ai-900](https://github.com/www42/ai-900)



# AI-900 Agenda



1: AI Overview

2: Computer Vision

3: Natural Language Processing

4: Document Intelligence and Knowledge Mining

5: Generative AI

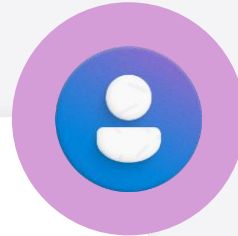
# Let's get to know each other

- Your name
- Company affiliation
- Title/function
- Your experience
- Your expectations for the course



# Let's have a great time together

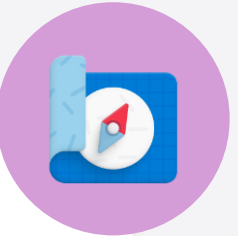
## We all contribute to a great class



- Class hours
- Lunch break

9<sup>00</sup> - 17<sup>00</sup>  
12<sup>30</sup> - 13<sup>30</sup>

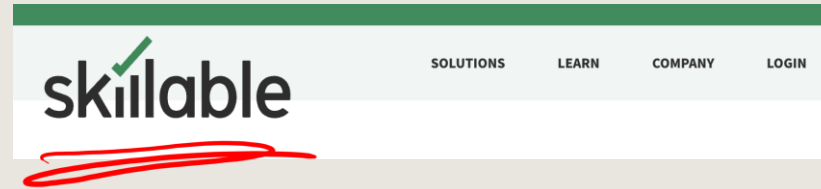
## What you should know about our facilities



- Internet access ↵
- Lab environment provided by Skillable

180 Tage  
5 Labs 10x

# AI-900 Labs



Explore Azure AI services (Expected Duration 1 hours) Details ▾  
AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 01 (CSS)

Launch Cancel

10 of 10 launch attempts remaining

↓

Analyze images in Vision Studio (Expected Duration 1 hours) Details ▾  
AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 02 (CSS)

Launch

10 of 10 launch attempts remaining

↓

Analyze text with Language Studio (Expected Duration 1 hours) Details ▾  
AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 03 (CSS)

Launch

10 of 10 launch attempts remaining

↓

Extract form data in Document Intelligence Studio (Expected Duration 1 hours) Details ▾  
AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 04 (CSS)

Launch

10 of 10 launch attempts remaining

↓

Explore generative AI with Bing (Expected Duration 1 hours) Details ▾  
AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 05 (CSS)

Launch

10 of 10 launch attempts remaining

Enabled ☒

Explore Azure AI services - Personal - Microsoft Edge  
https://labclient.labondemand.com/LabClient/b3ee5a27-41d9-4e68-b4d1-88132f309f86

Recycle Bin  
Visual Studio Code

Explore Azure AI services  
52 Minutes Remaining

Instructions Resources Help

Tip: As you follow the instructions in this pane, whenever you see a **T** icon, you can use it to copy text from the instruction pane into the virtual machine interface.

Windows login  
Log into Windows as **Student** account with the password **Pa55w.rd**.

Your Azure subscription  
During the lab exercise, use the following credentials to sign into the Azure subscription that is provided for you:

- **User name:** **LabUser-41248629@LODSPRODMCA.onmicrosoft.com**
- **Password:** **r+MmJSU86+**

Create all Azure resources in the **ResourceGroup1** resource group.

Module 01 lab  

Tip: If you are asked to open a web page, copy the address into the web browser on this virtual machine.

Explore Azure AI Services  
Azure AI services help users create AI applications with out-of-the-box and pre-built and customizable APIs and models. In this exercise you will take a look at one of the services, Azure AI Content Safety, in the Content Safety Studio.  
The Content Safety Studio enables you to explore how text and image content can be moderated. You can run tests on sample text or images and get a severity score ranging from safe to high for each category. In this lab exercise you will create a single-service resource in the Content Safety Studio and test its functionalities.  

Note The goal of this exercise is to get a general sense of how Azure AI services are

0% Tasks Complete

End >

9:10 PM  
6/2/2024

*Handwritten signature*



# Get the most out of your Microsoft Learn profile

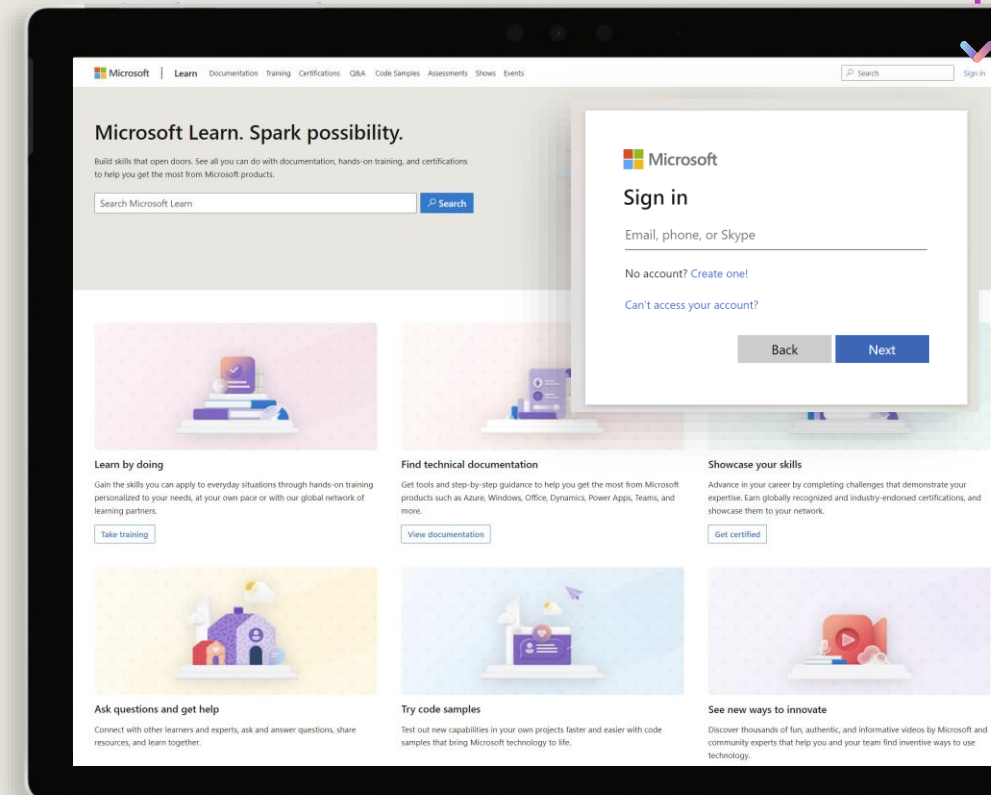
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- Manage your upcoming activities and certification exam appointments.

[www.aka.ms/MyMicrosoftLearnProfile](https://www.aka.ms/MyMicrosoftLearnProfile)

## Create your Microsoft Learn profile at [learn.microsoft.com](https://learn.microsoft.com)

- Select *Sign in* at the top, right corner of any Microsoft Learn page.
- Follow the Microsoft account authentication process.
- If the account that you have chosen to sign-in with doesn't already have a Microsoft Learn profile, you'll be guided to create one.





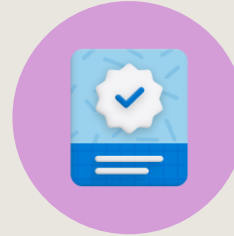
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AI-102 \*\*

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of certified IT professionals feel more confident  
in their abilities after earning certifications<sup>1</sup>

AZ-305

\*\*  
\*

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<sup>1</sup> "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023 <sup>2</sup> Microsoft fundamentals certifications don't expire