

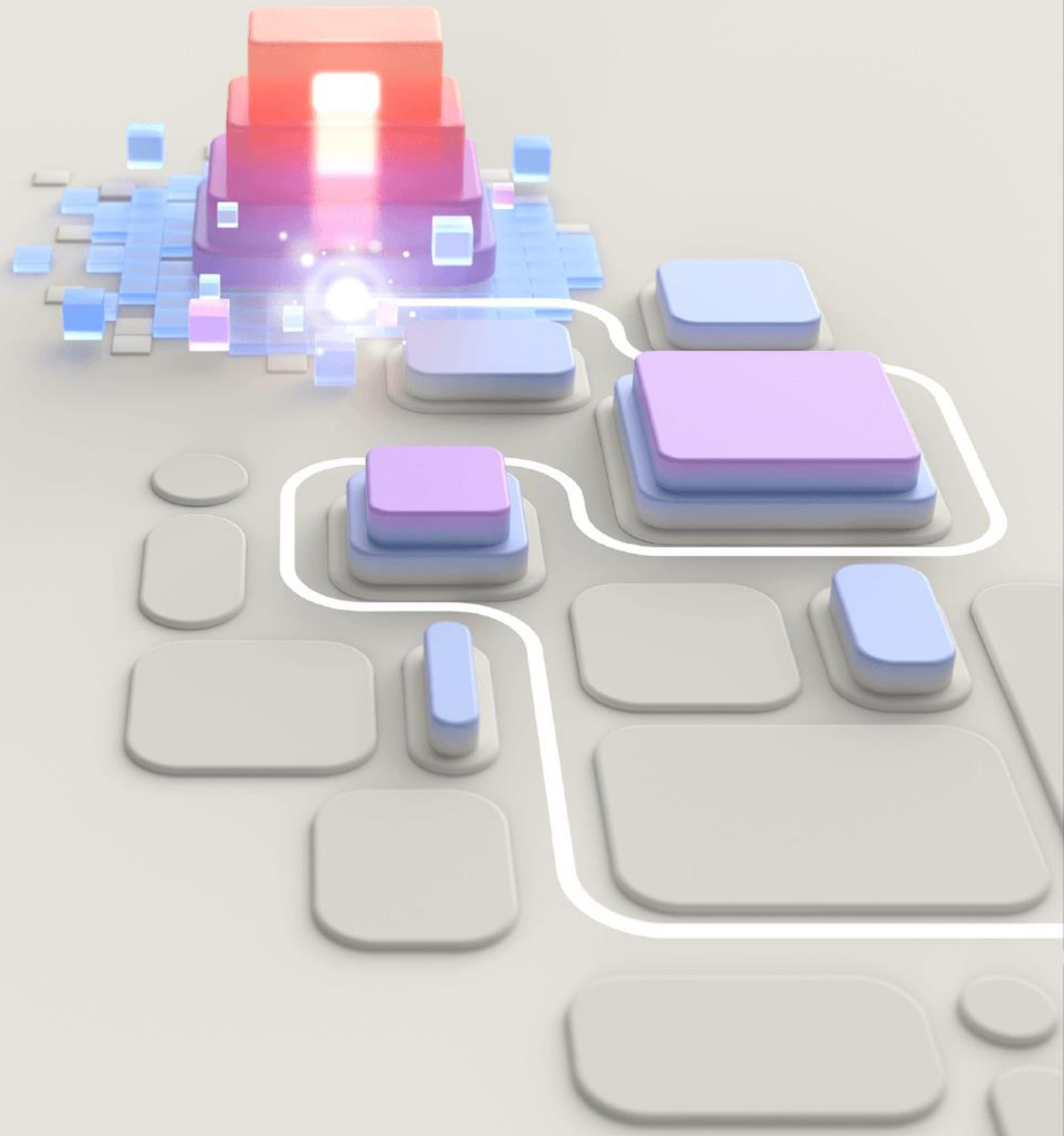


Microsoft Learn Spark possibility

AI-900

AI Fundamentals

Microsoft



Berlin Physik

1998 Server NT 4.0

Heidelberg

Thomas Jäkel

AD
2003
2008
On Prem

EntraID



Azure

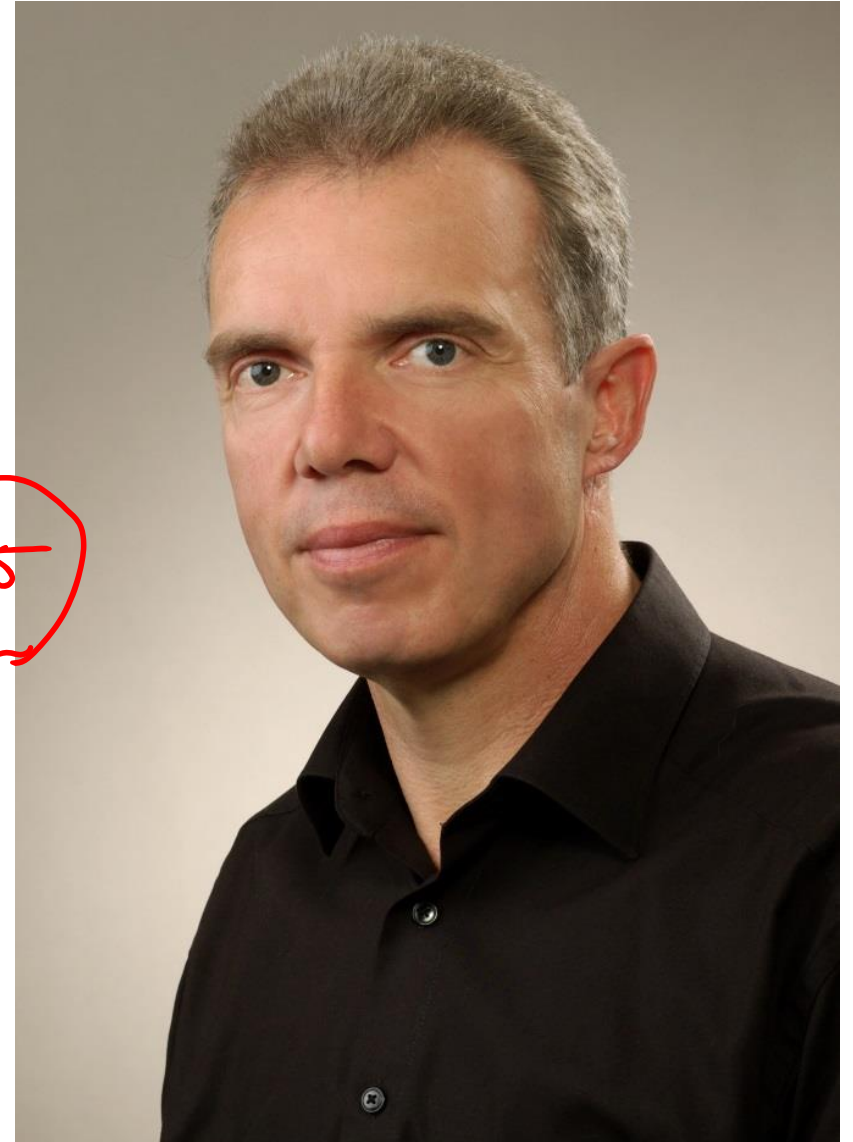
M365

brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

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

Open AI → GPT 3.5
4
40

tesla

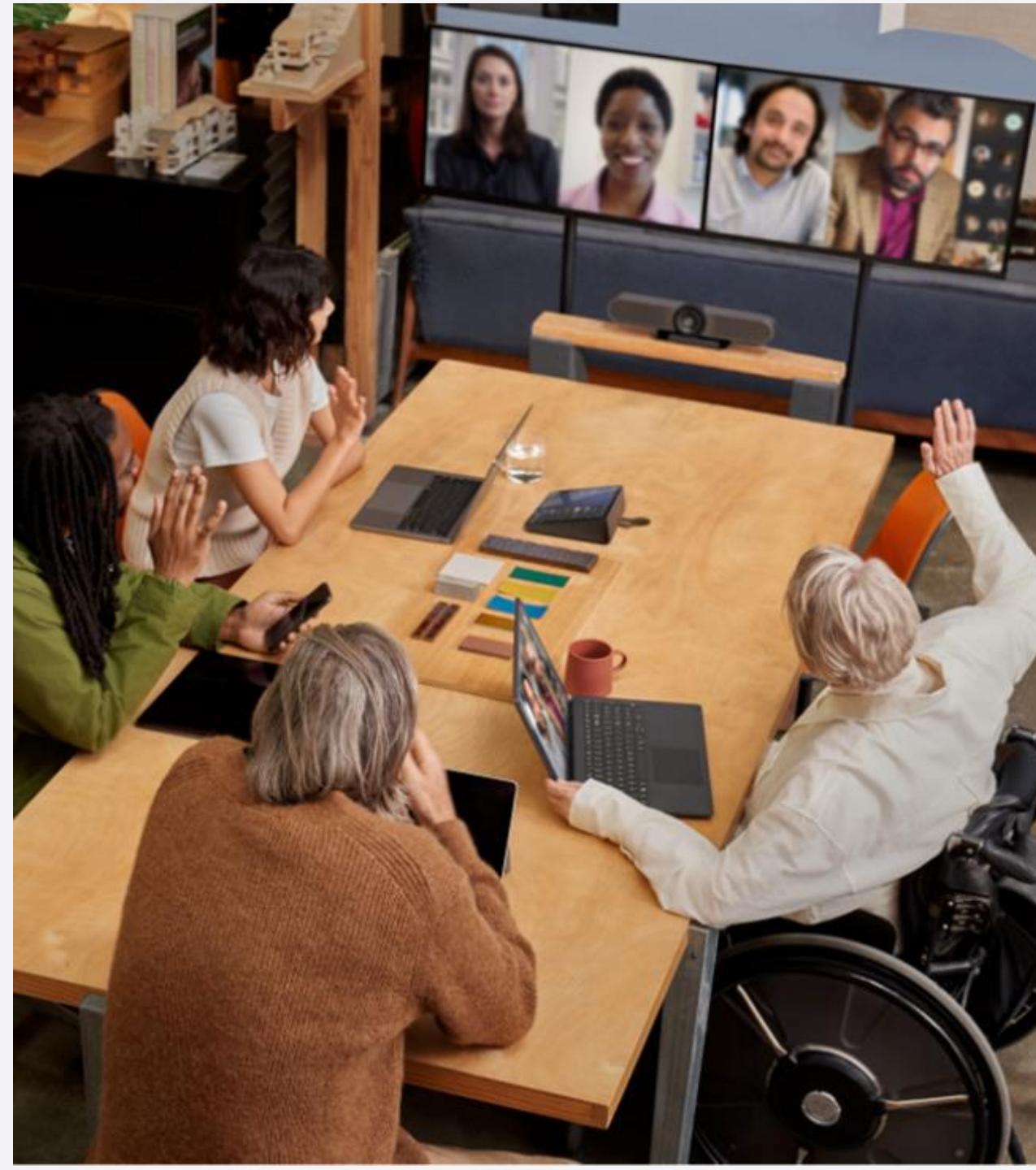
OCR

Index — key word
— semantic

LLM
Copilot

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

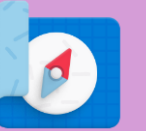
9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰



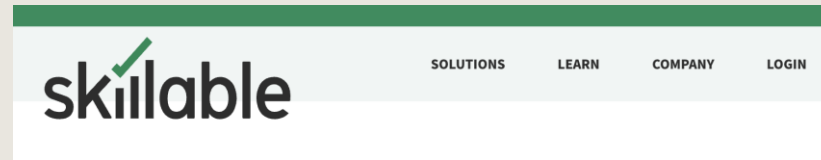
What you should know about our facilities


- Internet access ✓
- Lab environment provided by Skillable

code



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 **T 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:** **T LabUser-41248629@LODSPRODMCA.onmicrosoft.com**
- **Password:** **T 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 of this virtual machine.

Explore Azure AI Services
Azure AI services help users create AI applications with out-of-the-box and pre-built 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 used.
0% Tasks Complete

End >

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www.aka.ms/MyMicrosoftLearnProfile

AI-900
AI-102

AZ-900
AZ-104

MS-900
MS

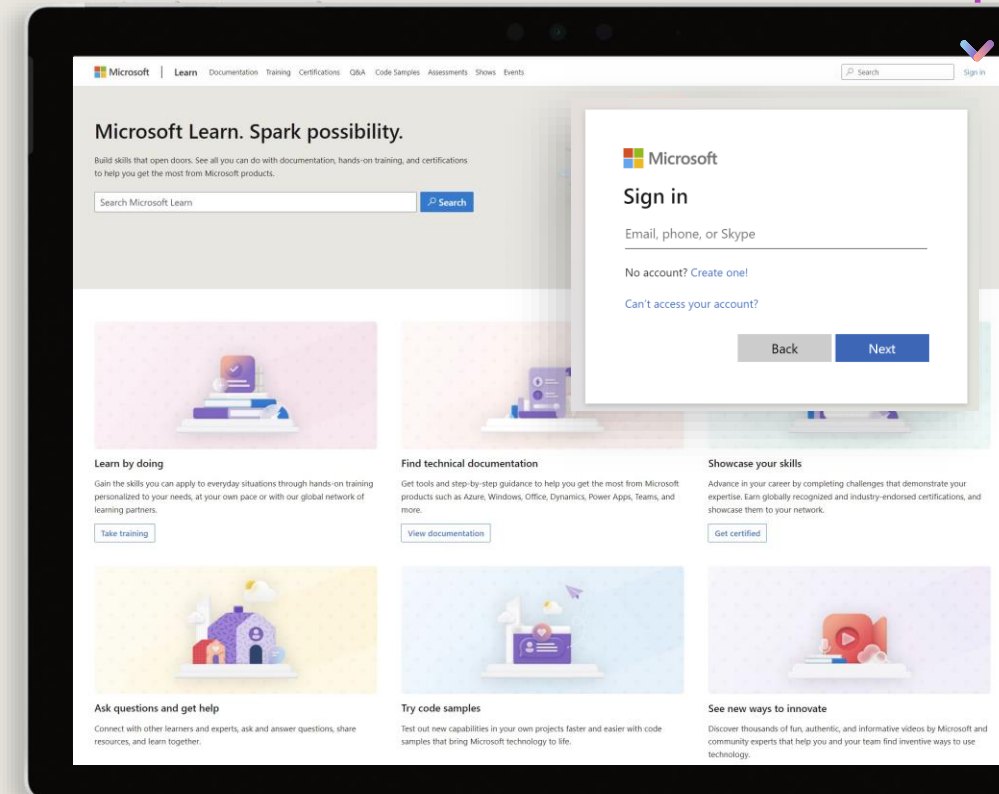
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- Follow the Microsoft account authentication process.
- If the account that you have chosen to sign-in with doesn't already have a Microsoft Learn profile, you'll be guided to create one.

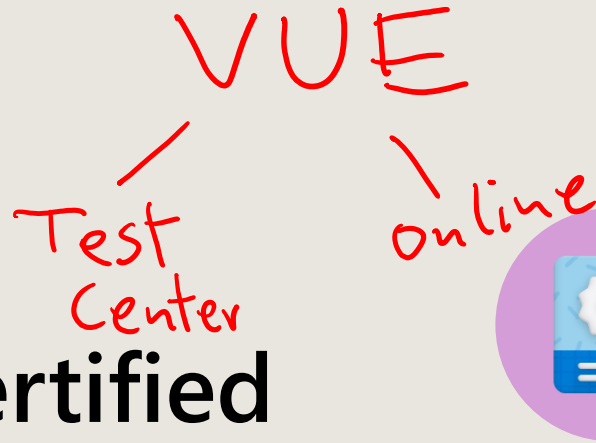
MD-

PL-

DP-900



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of certified IT professionals feel more confident
in their abilities after earning certifications¹

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