

Mike's January Teaching



AZ-208
DevOps foundations: The
core principles and
practices

<https://learn.microsoft.com/en-us/training/paths/devops-foundations-core-principles-practices/>

<https://microsoftlearning.github.io/AZ-208-DevOps-Foundations-Core-Principles-Practices/>

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AZ-400.00

Implement development
for enterprise DevOps

<https://learn.microsoft.com/en-us/credentials/certifications/exams/az-400/>

<https://microsoftlearning.github.io/AZ400-DesigningandImplementingMicrosoftDevOpsSolutions/>

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AZ-900T00

Azure Fundamentals

<https://learn.microsoft.com/en-us/credentials/certifications/azure-fundamentals/>

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AI-900: AI Fundamentals
Introduction

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Areas of Research Spring Semester UKY (Clinical & Planetary Quantum AI)



Present Hackathons



Register HACKATHON

AI/ML API

Feb 7 - Feb 9

Enroll Now

AI Astronauts

Space Agents on a mission

Organized by Technology Provider

FEB 7 - 9

458

AI Astronauts: Space Agents o...

2 days to innovate and build groundbreaking applications using the latest generative AI tools 🌟 ...



Register HACKATHON

AI For Connectivity Hackathon

Geneva + Online

JAN 24 - JAN 26

ENROLL NOW

UNIVERSITÉ DE GENÈVE

now native

SDG

S&ND

KWANT

QAventures

JAN 24 - 26

1878

AI for connectivity hackathon

Create AI-driven solutions using open-source technologies to optimize public sector network...



The Blaise Pascal Quantum Challenge

Combining Quantum and AI for Sustainable Innovation

Completed Hackathons



DEC 13 - 15

1695

DOGE Hackathon

🚀 Revolutionize Government Efficiency with xAI & Grok: Embrace the Future of Public Service. ⚡ Buil...

DEC 7 - 11

3348

Lōkahi Innovation in...

🕒 2 days to dive into this transformative healthcare technology challenge! 🌊 Join us onsite in Honolulu,...



Develop dynamic reports with Microsoft Power BI DP-605

aka.ms/DP605-Course

<https://aka.ms/DP605-Labs>

Simple Learning Games

Fact or Fiction: Cloud Computing Essentials

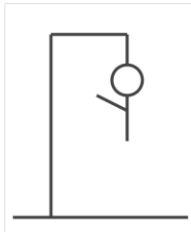
Private cloud is a cloud environment used exclusively by a single organization.

Fact

Fiction

Score: 0 / 10

Azure Shared Responsibility - Yes/No Hangman (15 Questions)



Do consumers lose all control of their security posture when moving to the cloud?

YES

NO

Incorrect!

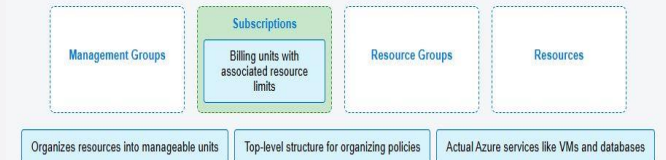
No. Shared responsibility means the provider secures the infrastructure, but you handle data, access, and configurations.

Next

Further Reading: [Microsoft Learn - Describe Cloud Compute & Shared Responsibility Model](#)

Level 1: Basic Hierarchy

Time Left: 90s



Correct! "Billing units with associated resource limits" placed correctly.

Score: 8.33%

Restart Game

Azure Physical Infrastructure Jeopardy

Learn More: [Describe Azure Physical Infrastructure](#)

Azure Regions	Availability Zones	Region Pairs	Sovereign Regions	Azure Infrastructure
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$300	\$300	\$300	\$300	\$300

Region Pairs for \$100

What is the minimum distance between Azure region pairs within the same geography?

50 miles

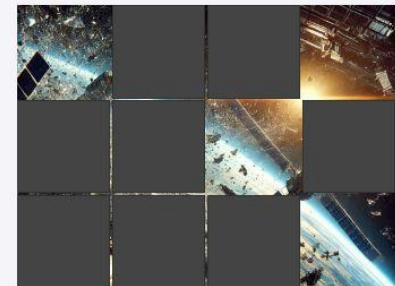
300 miles

1000 miles

Score: 0

Puzzle Quiz Game

Answer questions to remove pieces and reveal the hidden image!



Time Remaining: 93 seconds

Which Microsoft service supports ExpressRoute?

Microsoft 365

Xbox Live

LinkedIn

GitHub

Correct! A puzzle piece is removed.

https://huggingface.co/spaces/eaglelandsonce/Fact_or_Fiction_Cloud_Essentials

https://huggingface.co/spaces/eaglelandsonce/Order_Up_Game

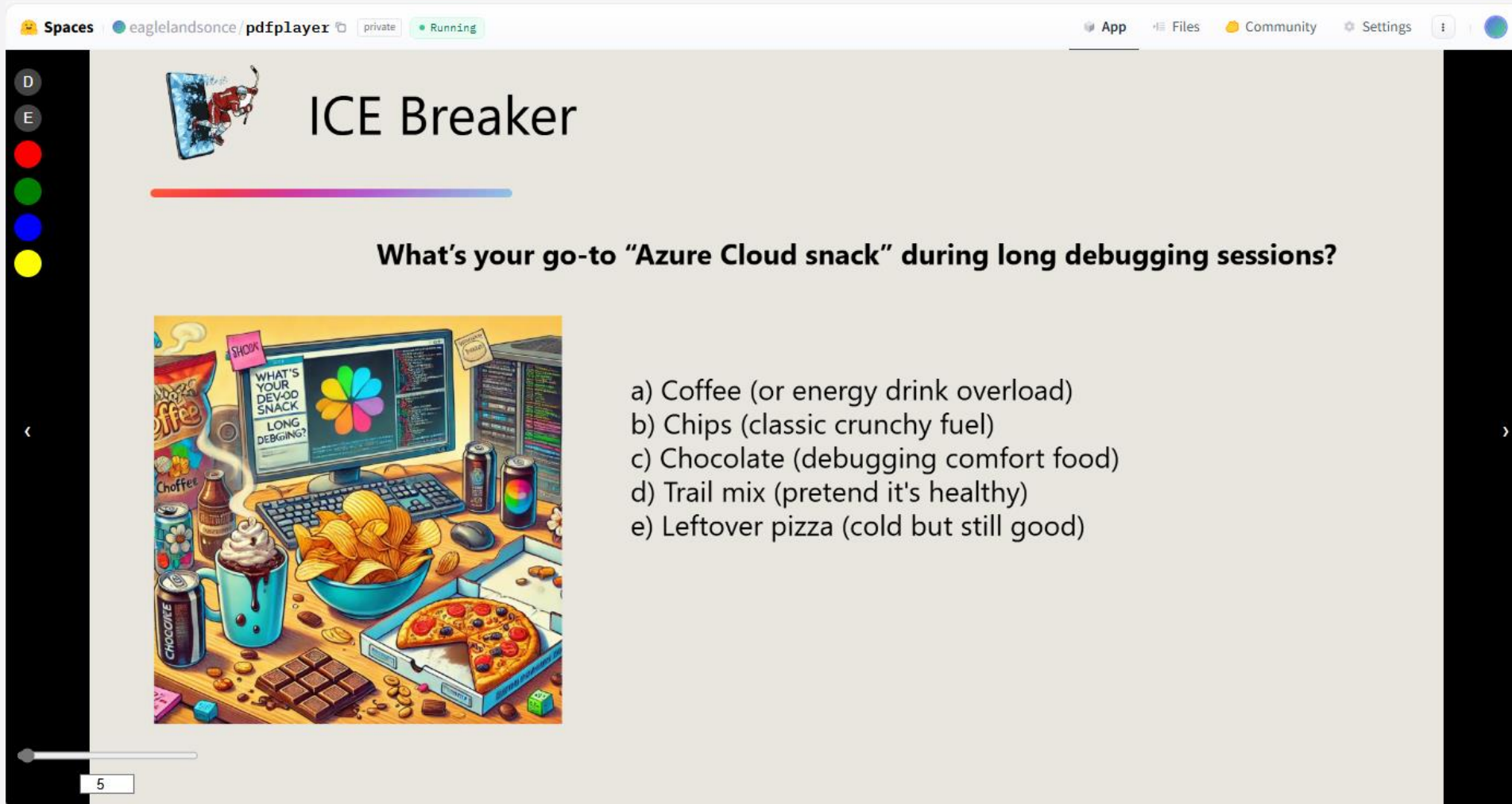
https://huggingface.co/spaces/eaglelandsonce/Hangman_Azure_Responsibility

https://huggingface.co/spaces/eaglelandsonce/Puzzle_Reveal_Game

https://huggingface.co/spaces/eaglelandsonce/Physical_Infrastructure_Jeopardy

A Slide Player

Spaces | eaglelandsonce | pdfplayer | private | Running | App | Files | Community | Settings



ICE Breaker

What's your go-to "Azure Cloud snack" during long debugging sessions?

- a) Coffee (or energy drink overload)
- b) Chips (classic crunchy fuel)
- c) Chocolate (debugging comfort food)
- d) Trail mix (pretend it's healthy)
- e) Leftover pizza (cold but still good)

5

Let's Prompt Engineer a Game



Flying to California



Implement a data lakehouse analytics solution with Azure Databricks



Deploy workloads with Azure Databricks Workflows

<https://learn.microsoft.com/en-us/training/modules/deploy-workloads-with-databricks-workflows/>

