

# Empowering Cloud-Ready Researchers

Insights from 30+ Training Experiences

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# The AWS Team



Solutions Architects supporting research, higher education customers



# Trainings we run or support



Half day/full day workshops



Lunch n Learns



Event series



Self paced

Collaboration

# Key Insights



**The 'Why' of  
Upskilling**



**Domain  
Expertise,  
Cloud Novice**



**Training at  
Scale**



**Hands-On,  
Minds-On**



**United by the  
Cloud**

# The 'Why' of Upskilling

## Cloud ready mindset



### Science, not servers

Compute when you need  
it at any scale



### Share and reproduce research

A common platform for  
reproducing scientific analyses



### Collaboration

Access datasets that span  
institutions and borders



### Research data management

Storage, secure access,  
and management



### Security

A collection of tools to protect  
data and privacy

# Domain Expertise, Cloud Novice

**Researchers excel in their fields, but may lack cloud computing proficiency.**

## **Building upon basics**

Start with simple science and introduce topic of cloud

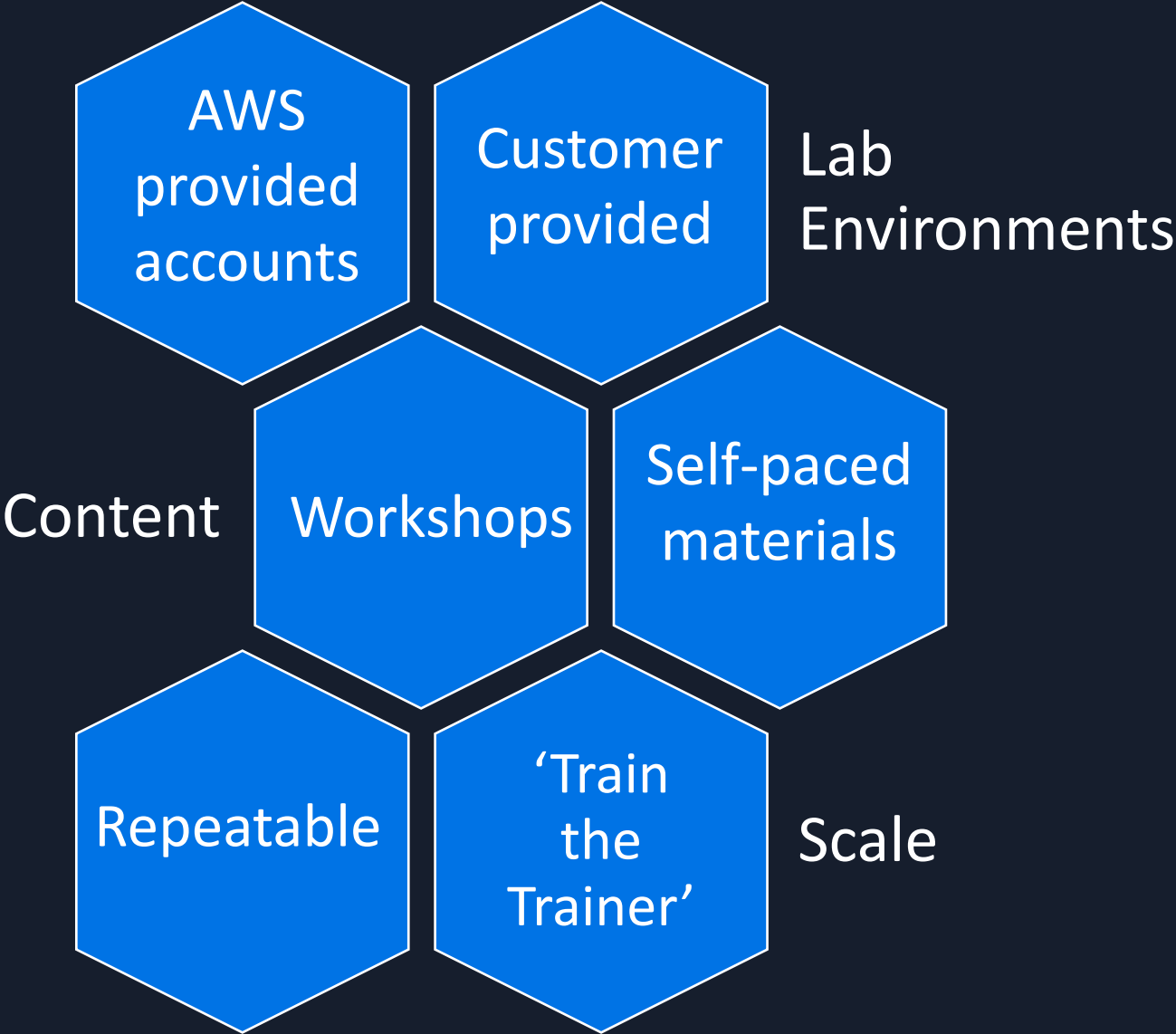
## **Topics that resonate**

Workshops or datasets which relate to their field

## **Hands on**

Show the improvement from current state

# Training at Scale



# Hands-On, Minds-On



Replicate the environment they would be using

Instructions to work through at own pace



# United by the Cloud



**Connecting researchers across domains through a shared interest**

## **AWS Public Sector Research Alliance**

Group of research customers passionate about cloud for accelerating research

## **Cross domain**

Common challenges across domains, opportunities to share

## **Community**

Supportive environments to exchange ideas

# Resources

AWS Skill Builder – Free training

<https://explore.skillbuilder.aws/learn>

Day 1 HPC

<https://day1hpc.com/>



# Workshop at eResearch, Friday Nov 1<sup>st</sup>, 9am-12:30pm

AWS and the RMIT RACE Hub

AWS and the RMIT RACE Hub invite you to a session designed to provide a comprehensive understanding of high-performance computing (HPC) in the cloud. Attendees will gain hands-on experience in setting up and configuring HPC environments designed to show how research can be accelerated in minutes.

<https://conference.eresearch.edu.au/registration/>

# How else can we help?



Visit us at the booth to let us know how  
help can help

# Thank you!

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