### KAUST Summer School (Cloud Computing)



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#### Introduction

# Costs & Billing

- Day 0: Setting the Stage
- ► Day 1: Cloud Computing Overview
- Day 2: Compute (VMs, Containers, Serverless)
- Day 3: Storage (Object, Block, Network Storage)
- Day 4: Networking
- Day 5: Security

## Setting the Stage

- Learning objectives
- Getting ready for hands-on Labs

#### Learning Objectives

Upon completion of this course, students will be able to:

- Define basic concepts of Cloud Computing
- Create and use a Compute instance (EC2 in AWS Cloud)
- Create and use appropriate cloud Storage with/without Compute instance
- Create a Network of Compute instances in the cloud environment (VPC in AWS Cloud)
- Secure cloud resources and network

After this course, students will be able to benefit from AI products in the cloud, hence expected to:

Use AWS (or other CSP) for Al projects

# Create AWS Account for Hands-on Labs (optional – recommended)

- Visit <a href="https://aws.amazon.com/">https://aws.amazon.com/</a>
- Use university email or personal account
- Create account (will need debit/credit card number)
- Understand AWS Pricing: <a href="https://aws.amazon.com/free/">https://aws.amazon.com/free/</a>

