

## **Mithil Shah (Amazon Web Services)**

### **Session 6: Machine learning and infrastructure**

#### **Title: Machine Learning opportunities for Earth Systems forecasting**

Cloud provides immense opportunities for researchers and Machine learning practitioners to collaborate and innovate faster. In this presentation, we will get an insight into how organizations can build and deploy their machine learning workloads on AWS. We will cover Generative AI and also introduce Earthformer, a space-time Transformer for Earth system forecasting, and demonstrate how to build a Machine Learning pipeline to train and deploy models into production.