

Helm in Depth

Duration: 1 Day

Hands-On Format: This hands-on class is approximately 80/20 lab to lecture ratio, combining engaging lecture, demos, group activities and discussions with comprehensive machine-based practical programming labs and project work.

Prerequisites: Kubernetes Knowledge is Required

Module 1 – Introduction to Helm

What is Helm
Helm Installation
Difference between Helm2 and Helm3
Helm Components

Module 2 – Working with Helm

Helm Charts
Working with Helm: Basics
Customizing Chart Parameters
Lifecycle Management with Helm
Upgrading and Downgrading Helm Chart

Module 3 – Helm Chart - Advance

Writing a Helm Chart
Functions
Pipelines
Conditionals
With Blocks
Ranges
Named Templates
Chart Hooks
Packaging and Signing Charts
Uploading Charts