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**Summit**

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# Building Edge Applications: A Retail Odyssey with Red Hat OpenShift, AI/ML and Application Services

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**Sebastian Faulhaber**

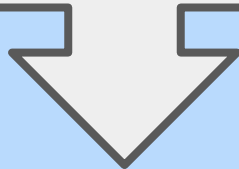
OpenShift Platform Leader,  
Germany

- Basic knowledge of Red Hat OpenShift Container Platform is good, but not required
- Self-paced hands-on lab
- 90 mins
  
- Solution Pattern Description:  
<https://www.solutionpatterns.io/solution-pattern-edge-to-cloud-pipelines/solution-pattern-edge-to-core-pipelines/index.html>
- Solution Pattern on GitHub:  
<https://github.com/redhat-solution-patterns/solution-pattern-edge-to-cloud-pipelines>

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**Launch Firefox Chrome and go to**  
**<https://summit.demo.redhat.com>**



Choose the  
right LAB...

Red Hat Summit







Red Hat Demo Platform

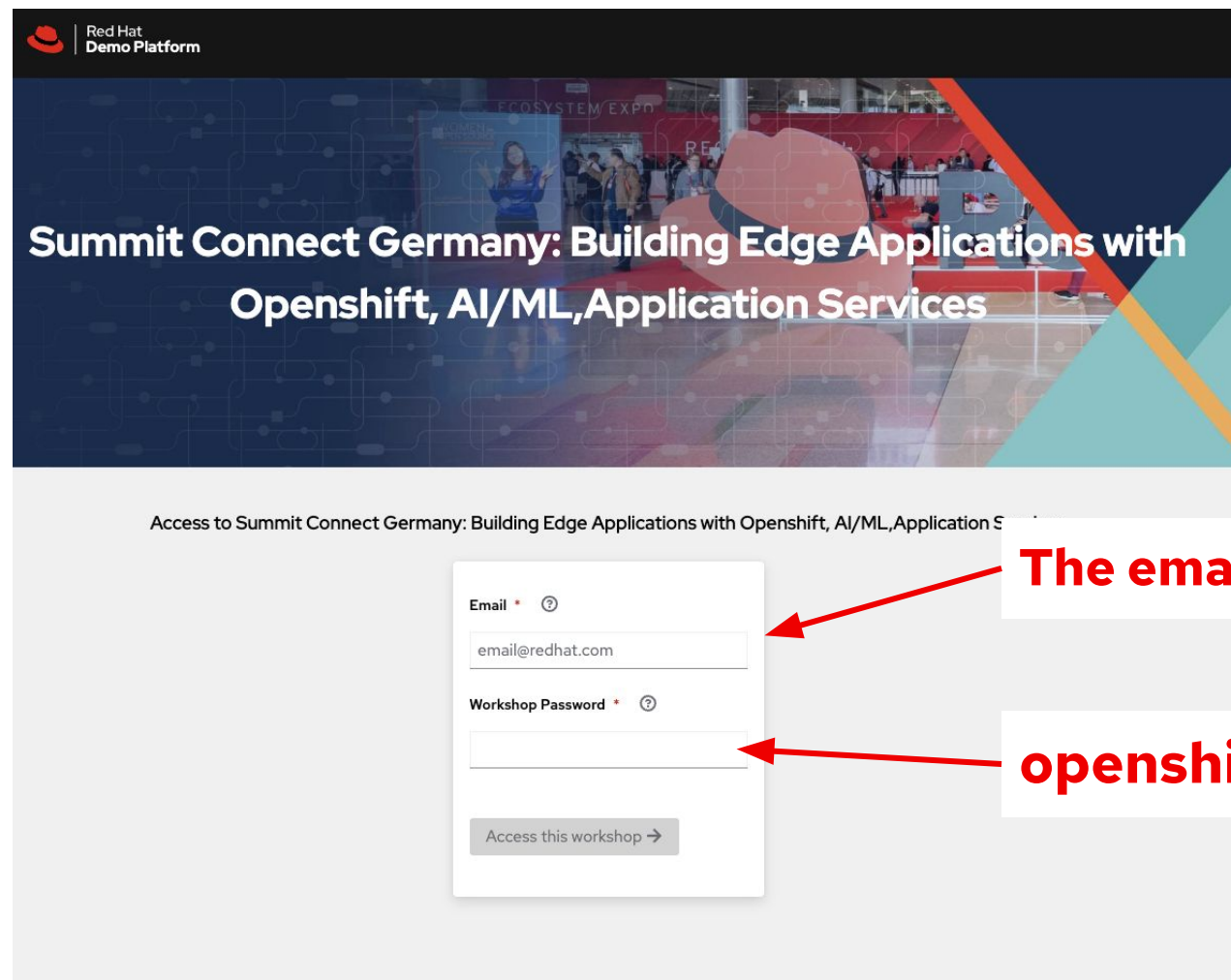
## Red Hat Summit: Connect 2024

Start your instructor-led lab  
Select your hands-on lab to begin developing your technology skills

Germany

Tuesday, November 19, 2024

 Germany Nov 19, 11:00 AM <b>Building Edge Applications: A Retail Odyssey with Red Hat OpenShift AI/ML and Application Services</b> <a href="#">Access this lab →</a>	 Germany Nov 19, 11:00 AM OpenShift AI Unleashed: Transforming Document Processing for Maximum Efficiency! <a href="#">Access this lab →</a>	 Germany Nov 19, 11:00 AM Cloud Architectures workshop: the art of the possible with OpenShift and Application Services <a href="#">Access this lab →</a>
 Germany Nov 19, 11:00 AM From Development to Deployment: Securing The Software Supply Chain with Red Hat OpenShift <a href="#">Access this lab →</a>	 Germany Nov 19, 11:00 AM Advanced Features of Ansible Automation Controller <a href="#">Access this lab →</a>	 Germany Nov 19, 11:00 AM The Definitive RHEL 9 Hands-On Lab v9.1 <a href="#">Access this lab →</a>



The screenshot shows a registration form on the Red Hat Demo Platform. The form is titled "Summit Connect Germany: Building Edge Applications with Openshift, AI/ML, Application Services". It contains two input fields: "Email" with the value "email@redhat.com" and "Workshop Password" which is currently empty. Below the fields is a button labeled "Access this workshop →".

**The email you registered with**

**openshift**

**Make sure you remember the (unique) e-mail address you used!  
It will allow you to come back to your lab if you lose connection.**

# Lab Guide

**self-paced**

The screenshot shows a web page for a lab guide. At the top, there is a navigation bar with logos for Red Hat Summit, AnsibleFest, and Red Hat Summit 2024. Below the navigation bar is a breadcrumb trail: 'Introduction' > 'LB1495 Retail On The Edge - AI/ML And Application Services'. On the left side, there is a table of contents with a tree view structure. The main content area has a large heading 'LB1495 Retail On The Edge - AI/ML And Application Services' and a sub-heading 'Lab Overview'. The text under 'Lab Overview' describes the lab's purpose and content. On the right side, there is a 'Contents' section with a link to 'Lab Overview'. At the bottom right, there is a 'Next' section with a link to 'Introduction >'.

Red Hat Summit AnsibleFest Red Hat Summit 2024

Introduction LB1495 Retail On The Edge - AI/ML And Application Services

▼ MLOps

- Overview & Environment
- Data Science Project
- Building a Model
- Edge Application

▼ Application Development

- Overview & Environment
- Application Services
- Shopping Application
- Adding a New Product
- Optional: AppDev with Pricing Engine

Closing Thoughts

Contents

- Lab Overview

## LB1495 Retail On The Edge - AI/ML And Application Services

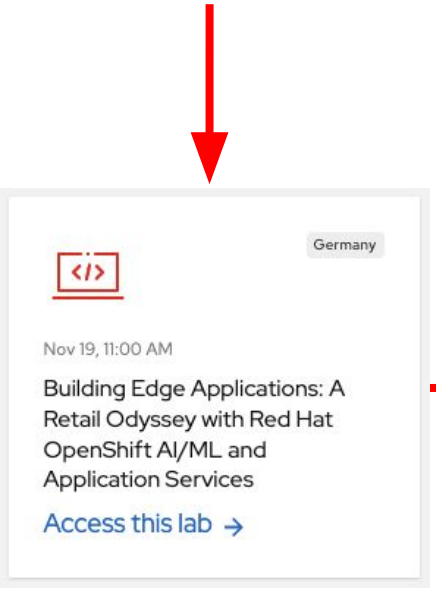
### Lab Overview

This lab will illustrate how the use of various AI/ML technologies and Application Services can be combined to produce an "Art of the Possible" approach to a business problem.

The demos, information, code, models and techniques it contains are illustrations of what a first prototype could look like. It is not the definitive way of addressing the stated requirements.

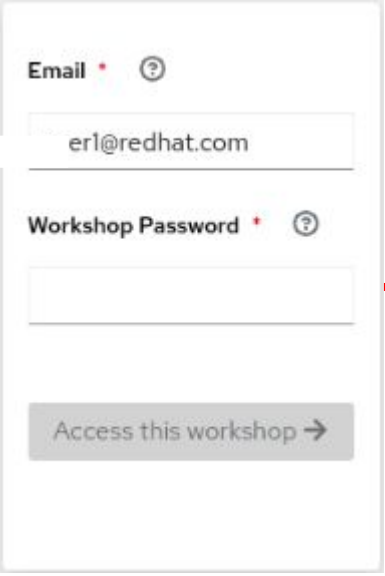
Next  
**Introduction** >

<https://summit.demo.redhat.com>

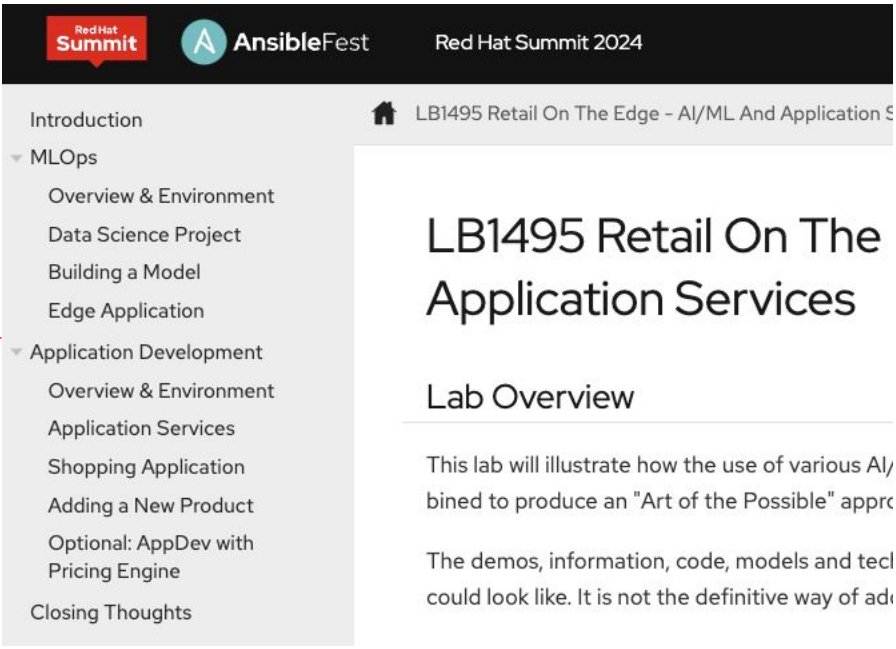


**Select Lab**

**Building Edge Applications**



**Login with your email and the password: openshift**



**Follow the lab guide in your personalized "Showroom"**

**We're here to help, unstuck you and answer your questions**

Session: 15:50 - 16:20



# Jetzt Session bewerten!

Einfach QR-Code  
scannen, Session  
wählen und bewerten.  
**Vielen Dank!**

[red.ht/rhsc24-de-s6](https://red.ht/rhsc24-de-s6)



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Thank you



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[facebook.com/redhatinc](https://www.facebook.com/redhatinc)



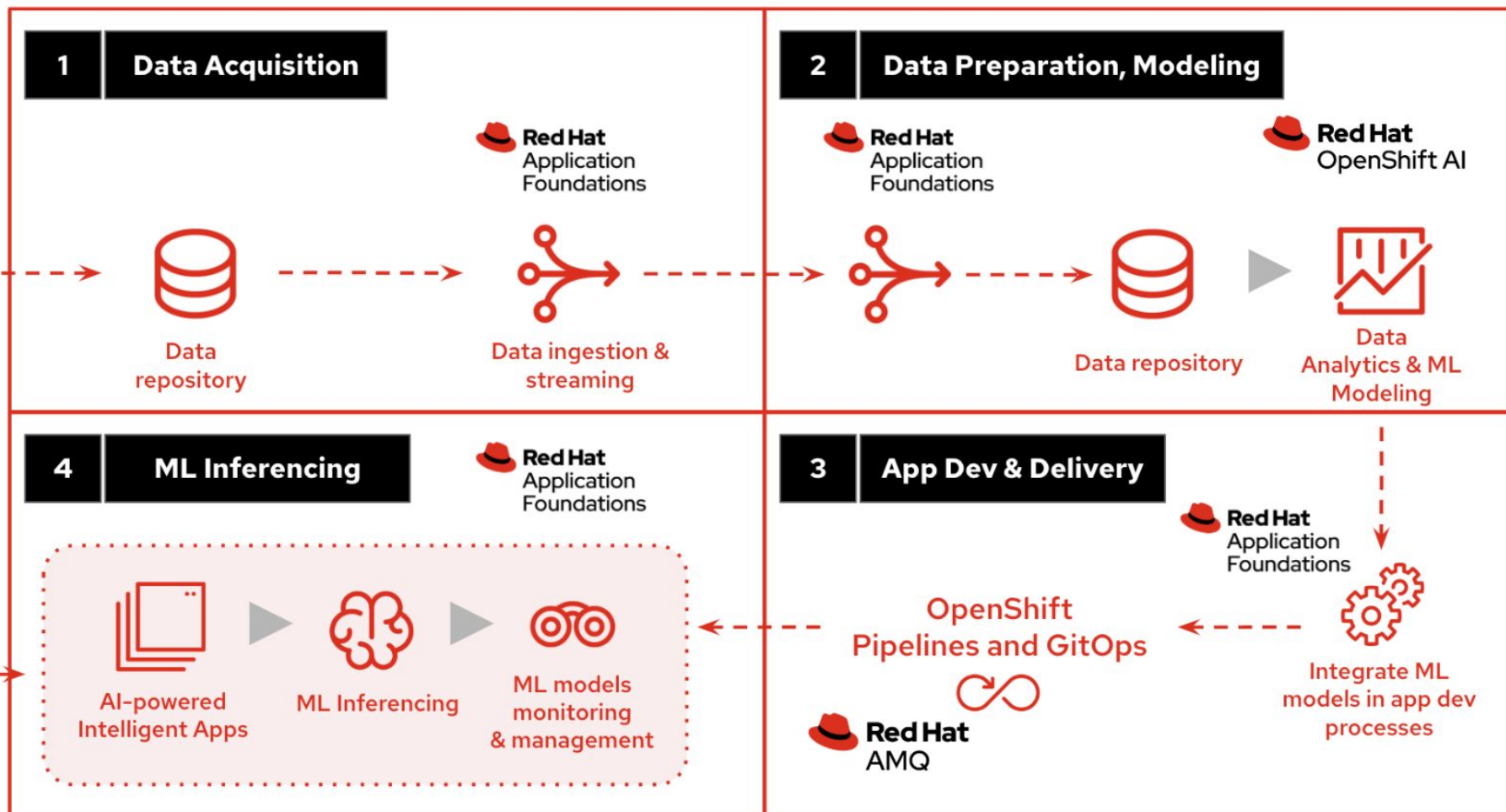
[youtube.com/user/RedHatVideos](https://www.youtube.com/user/RedHatVideos)



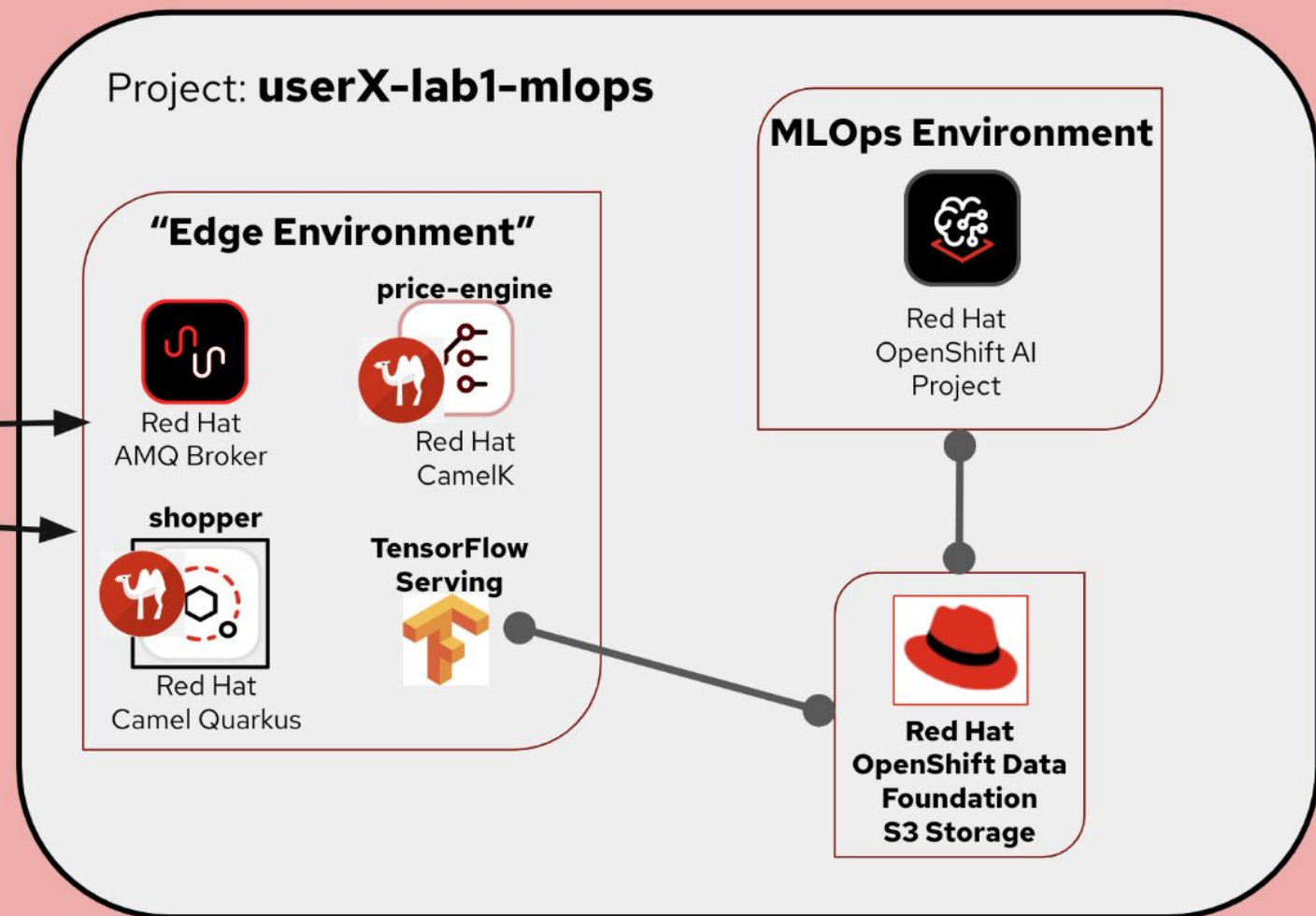
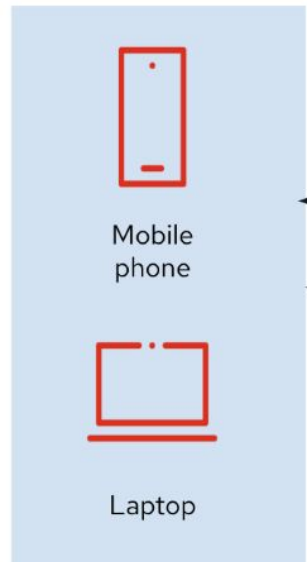
[twitter.com/RedHat](https://twitter.com/RedHat)



- Sensors and IoT Devices
- Logs, Files, media
- cameras



# Lab 1



- Red Hat OpenShift AI
  - Red Hat AMQ Broker
  - Red Hat OpenShift Pipelines
  - Red Hat build of Apache Camel
- Operators**

# Lab 2

## Main Lab Components

