# MLOps and AI Security

## MLOps

1. Feature Store and Online Inference

%pip install dbdemos

import dbdemos

dbdemos.install('feature-store')

2. Image classification - Deep Learning for Default Detection

%pip install dbdemos

import dbdemos

dbdemos.install('computer-vision-pcb')

3. MLOps — End-to-End Pipeline

%pip install dbdemos

import dbdemos

dbdemos.install('mlops-end2end')

## AI

1. Lakehouse AI: Deploy Your LLM Chatbot With Retrieval Augmented Generation (RAG)

Build High-Quality RAG Apps with Mosaic AI Agent Framework and Agent Evaluation, Model Serving, and Vector Search

%pip install dbdemos

import dbdemos

dbdemos.install('llm-rag-chatbot')

2. Mosaic AI: Fine-Tune Your LLM on Databricks for Specialized Tasks and Knowledge

Mosaic AI Model Training: Fine-Tune Your LLM on Databricks for Specialized Tasks and Knowledge

%pip install dbdemos

import dbdemos

dbdemos.install('llm-fine-tuning')