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SAPinsider

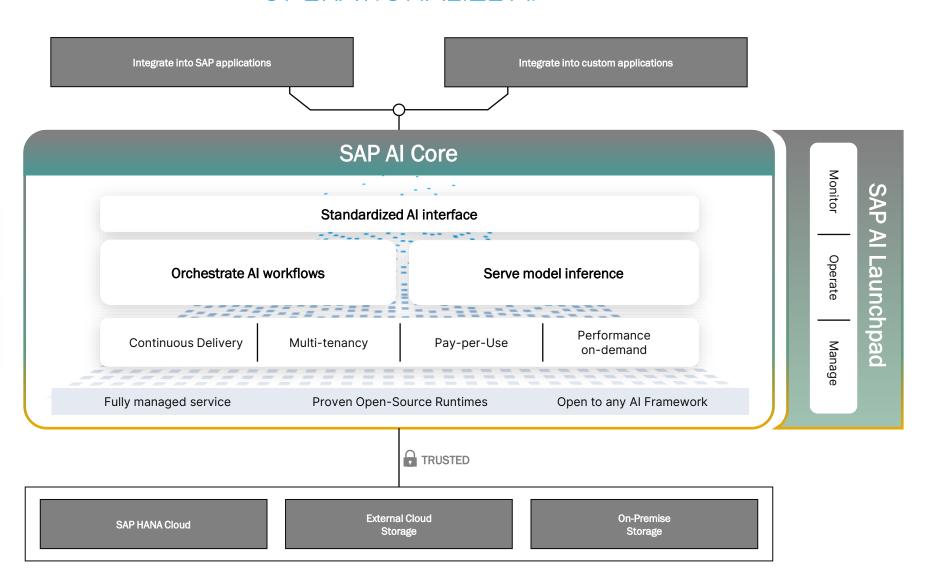
What We'll Cover

- SAP AI Core and SAP AI Launchpad Overview
- Train and deploy a custom Machine Learning Model
- SAP Al Core Toolkit for Visual Studio Code
- Wrap-Up



SAP AI Core

OPERATIONALIZE AI



Development Tooling

Libraries & SDKs

End-to-End ML Workflow in SAP AI Core

- Create instances on BTP
- Connect SAP AI Core
- Connect Git repo
- Create docker secret
- Connect datastore
- Add application

onboarding

data

- Upload dataset
- Register dataset artifact

- Create training workflow (yaml)
- Create and push docker image
- Create a configuration
- Start workflow execution
- Output: Model file

training

deployment

- Create a serving workflow (yaml)
- create and push docker image
- Create a configuration
- Start workflow execution
- Output: deployment URL

- Get the deployment URL
- Get a Bearer token
- Specify Resource Group

inference



Key Points to Take Home

- Al is not only LLMs
- Custom standard ML model might be better for your use case
- Different ways to use SAP AI Core
- SAP AI Core is an AI runtime
- How to implement an end-to-end ML Workflow with SAP AI Core and SAP AI Launchpad
- SAP AI Core Toolkit for VS Code makes development easier



Where to Find More Information

https://developers.sap.com/tutorials/ai-core-vs-code-toolkit.html

• Tutorial on how to use the VS Code Toolkit

Dhrubajyoti Paul, "Build a House Price Predictor with SAP AI Core using VS Code Toolkit"

https://www.youtube.com/watch?v=h3Xs862M-RU

• SAP AI Core Toolkit YouTube Session from Devtoberfest 2023 by Dhrubajyoti Paul

https://api.sap.com/api/AI_CORE_API/overview

Postman collection for SAP AI Core API

Thank you! Any Questions?

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Please remember to complete your session evaluation.

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