trigger:

- main

pool:

# Da I kører on-prem, bruges jeres lokale agent

name: 'OnPrem-K8s-Pool'

variables:

# Reference til jeres SonarQube Enterprise

sonarServiceConnection: 'SonarQube-Enterprise'

# Reference til jeres K8s miljø

k8sNamespace: 'ai-prod'

stages:

- stage: Build\_and\_Security\_Scan

jobs:

- job: Build

steps:

- task: SonarQubePrepare@5

inputs:

SonarQube: $(sonarServiceConnection)

scannerMode: 'Other'

extraProperties: |

# Aktivering af SEI CERT Java Regler

sonar.java.source=17

sonar.dependencyCheck.reportPath=$(Build.SourcesDirectory)/dependency-check-report.xml

- task: Maven@3

inputs:

mavenPomFile: 'pom.xml'

goals: 'package'

# Generering af SBOM (CycloneDX) jf. ISO 27001:2022

- script: |

mvn org.cyclonedx:cyclonedx-maven-plugin:makeAggregateBom

displayName: 'Generér CycloneDX SBOM'

- task: SonarQubeAnalyze@5

- task: SonarQubePublish@5

inputs:

pollingTimeoutSec: '300'

# Quality Gate: Stop build hvis SEI CERT Java regler brydes

- task: sonar-buildbreaker@8

inputs:

sonarId: $(sonarServiceConnection)

- stage: AI\_Compliance\_and\_Audit

dependsOn: Build\_and\_Security\_Scan

jobs:

- job: Compliance\_Check

steps:

# Verificering af Model Card og SHAP/LIME dokumentation

- script: |

if [ ! -f "./docs/model-card.md" ]; then

echo "FEJL: Model Card mangler! Overtræder ISO 42001 A.10"

exit 1

fi

displayName: 'Audit: Tjek for Model Card'

- stage: Deploy\_to\_K8s

dependsOn: AI\_Compliance\_and\_Audit

condition: succeeded()

jobs:

- job: K8s\_Deploy

steps:

# K8s scanning (som I allerede har)

- task: KubernetesManifest@0

inputs:

action: 'deploy'

namespace: $(k8sNamespace)

manifests: 'k8s/\*.yaml'