



INNOVATE

AI / ML EDITION

Automatiza tus procesos de ML con pipelines de extremo a extremo

Antonio Rodriguez
Senior AI & ML Specialist Solutions Architect
Amazon Web Services

 @rod_ant

Pipelines and MLOps

MLOps v1.0:

Manually build, train, tune, and deploy models

MLOps v2.0:

Manually build and orchestrate model pipelines

MLOps v3.0:

Automatically run pipelines when new data arrives or code changes
(deterministic triggers such as GitOps)

MLOps v4.0:

Automatically run pipelines when models start to decay
(statistical triggers such as drift, bias, and explainability)

Demo

Resources

<https://www.datascienceonaws.com>

<https://github.com/data-science-on-aws/workshop>

<https://www.amazon.com/dp/1492079391/>

<https://github.com/aws/amazon-sagemaker-examples/tree/master/sagemaker-pipelines>

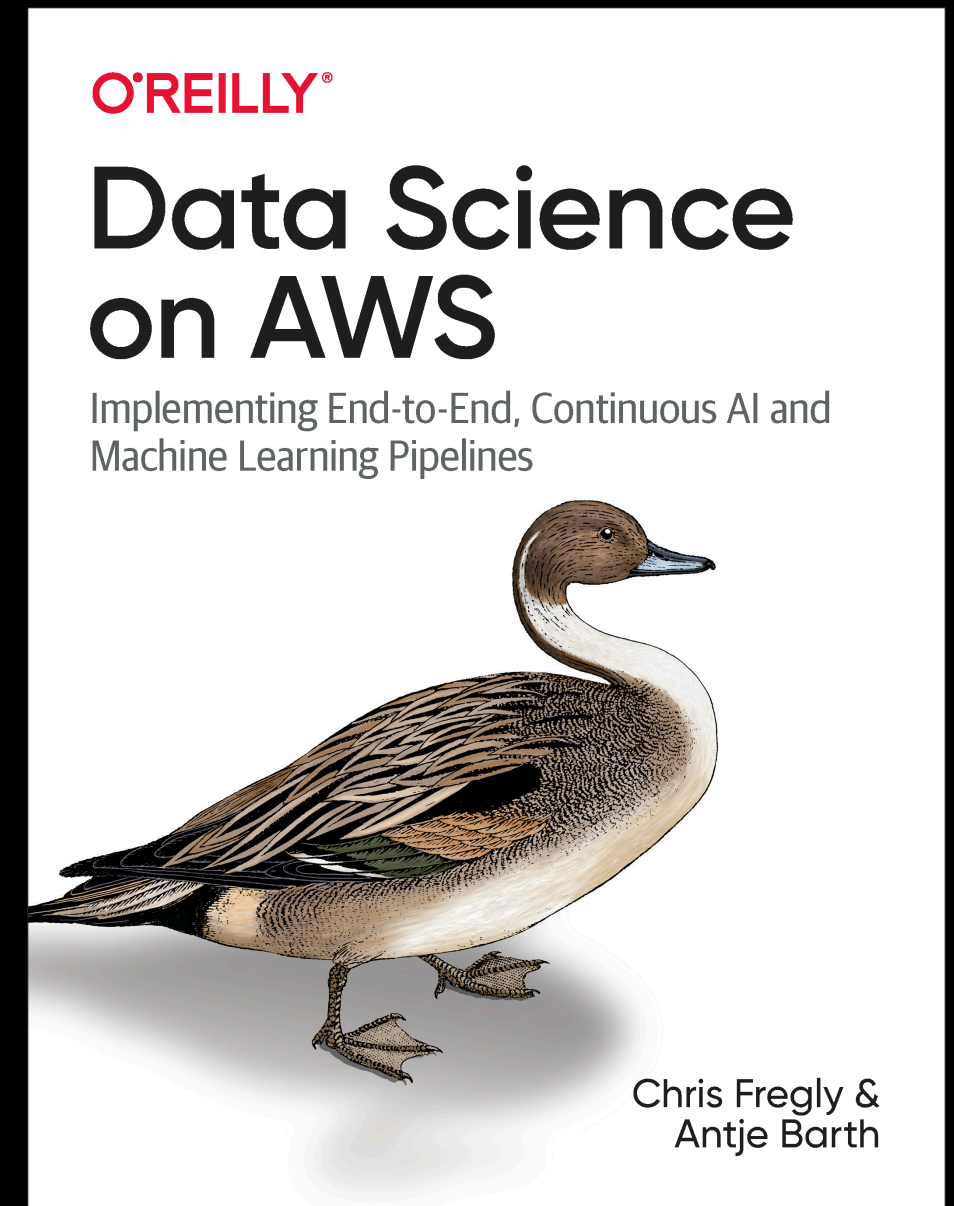
<https://aws.amazon.com/blogs/machine-learning/building-automating-managing-and-scaling-ml-workflows-using-amazon-sagemaker-pipelines>

<https://aws.amazon.com/sagemaker/pipelines/>

<https://docs.aws.amazon.com/sagemaker/latest/dg/pipelines.html>

<https://docs.aws.amazon.com/sagemaker/latest/dg/sagemaker-projects.html>

<https://sagemaker.readthedocs.io/en/stable/workflows/pipelines/index.html>



Thank you!

Antonio Rodriguez
Senior AI & ML Specialist Solutions Architect
Amazon Web Services

 @rod_ant