Amazon Web Services

Introduction to Amazon Sagemaker

Learning Pathway of MLOps:



Building, training, and deploying models from SageMaker Studio

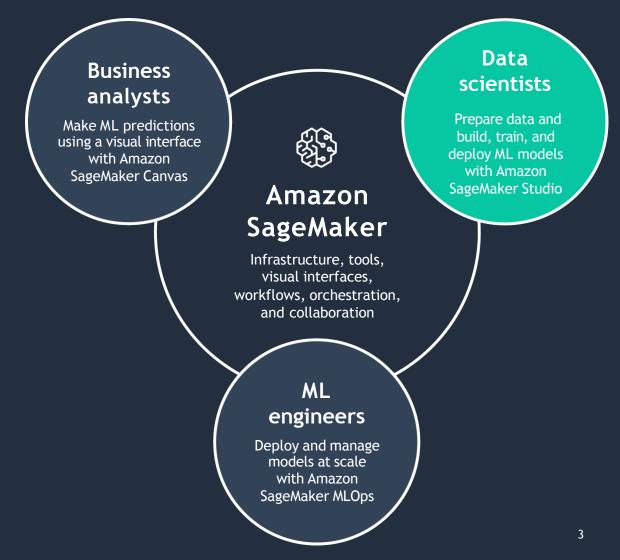


SageMaker infrastructure fundamentals



Pre-built and custom algorithms

Sagemaker:



Adjusting to SageMaker workflows

"Work from the notebook, but not on the notebook "

Notebook-based experiments: Familiar but limiting

[1]: Data loading

[2]: Data exploration

[3]: Data cleaning

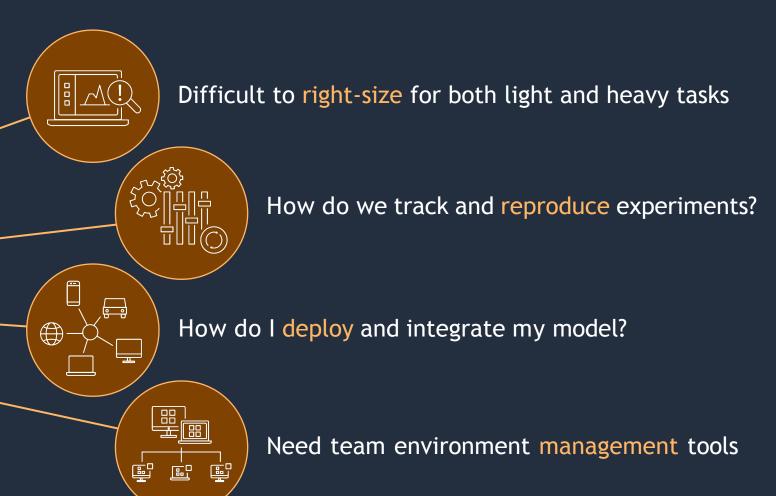
[4]: Data preparation

[*]: Model training

1: Model evaluation

[]: Model deployment?

Notebook instance / server / laptop



What is AWS Sagemaker?

Amazon SageMaker is a fully managed machine learning service.

- Easily build and train machine learning models
- deploy into a production-ready hosted environment.
- Provides Jupyter authoring notebook instance for easy access to your data sources for exploration and analysis

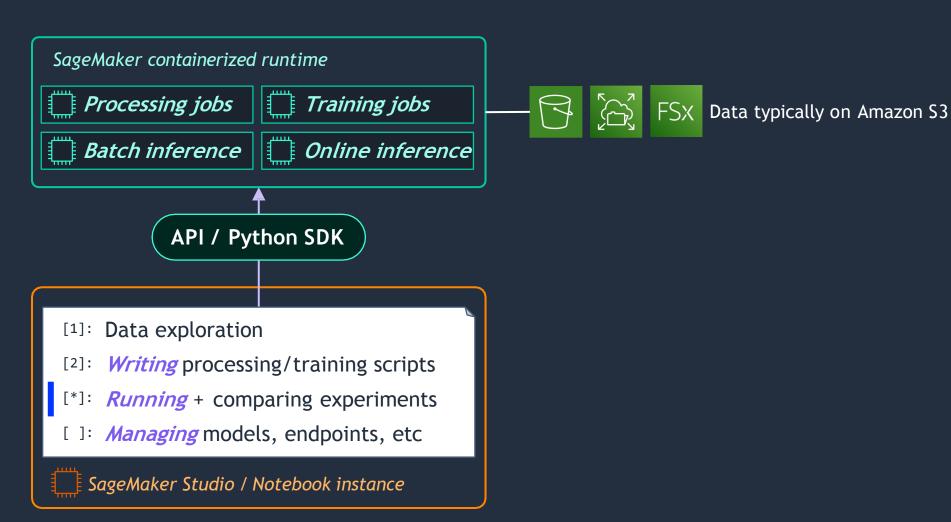
References:

https://docs.aws.amazon.com/sagemaker/latest/dg/whatis-features-alpha.html

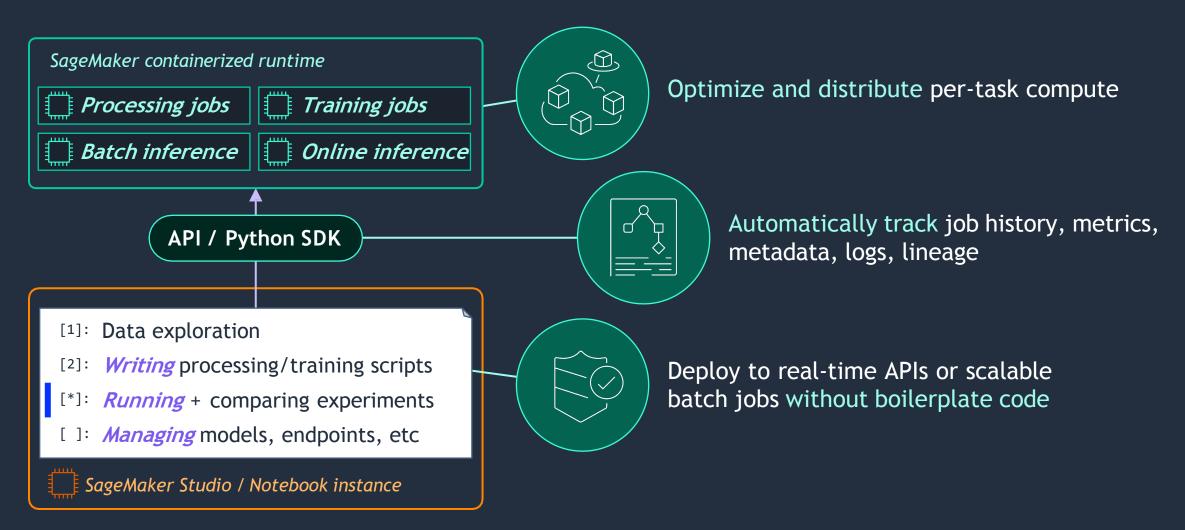
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Why Amazon Sagemaker?

SageMaker separates notebook from job infrastructure



SageMaker separates notebook from job infrastructure



Next Journey:

Get started with Amazon Sagemaker