

Agenda

- What is Sagemaker
- How to train & deploy ML models

Different ways of deploying ML models.

- ① Streamlit \rightarrow when I want to showcase to Client
- ② Flask + NGROK \rightarrow Typically to expose API so that other developers can integrate it in their system.
- ③ EC2 \rightarrow Services with low usage frequency.
- ④ ECS \rightarrow Production grade deployment.
10 lakhs per day
3 C5.4m Large.
1.3 lakh INR per month
- ⑤ Sagemaker \rightarrow Not for production

Why do we need Sagemaker??

Recommendation Engine \rightarrow download 1 lakh rows
Not allowed

download any code-block
Not allowed

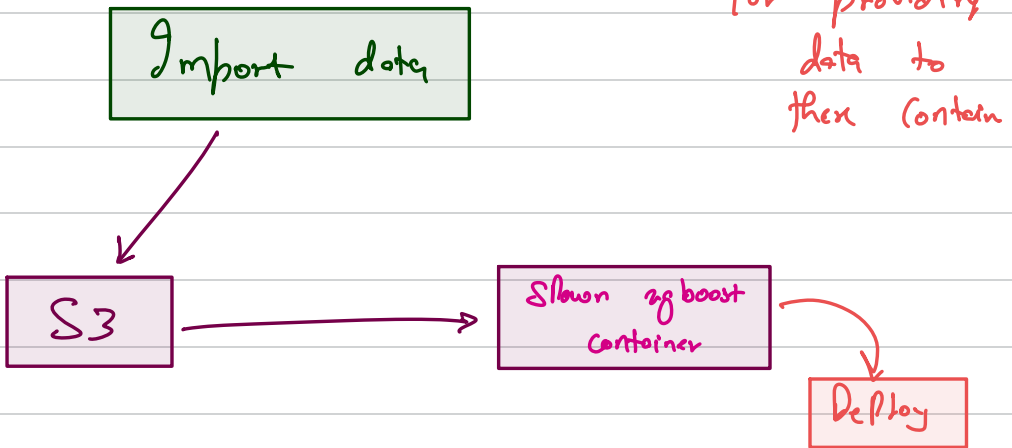
Sagemaker \rightarrow online jupyter notebook

\downarrow
inside AWS Infra \rightarrow S3
 \rightarrow ECR
 \rightarrow Codecommit.

Google GCP \rightarrow Vertex AI
Azure \rightarrow Azure ML
Databricks \rightarrow (Neptune)
/ Kaggle
Colab

With Sagemaker

- ① Create a notebook
- ② Train a model
- ③ Deploy a model
- ④ Special functions → Import image containers



What is Amazon SageMaker primarily used for?

1 user has participated

- A To provide website hosting services 0%
- B As a chatbot interface for customer support 0%
- ☒ C To enable developers to create, train, and deploy ML models 100%
- D To facilitate large-scale data storage solutions 0%

End Quiz Now

Based on all quizzes from the session

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		Ashwini Uday	kiran kumar	Phani Kishore R...
		100	95.40	95.40
4	Renu Singh	100	95.33	
5	Dhanunjaya reddy	100	95.13	
6	Rajaraman	100	94.93	
7	Ayush Jain	100	92.83	
8	Chirag Bhatt	100	90.70	
9	Rajneev Ranjan Kumar Singh	100	86.47	
10	aniket	100	84.15	

How does Amazon SageMaker simplify the process of starting with machine learning mod

0 users have participated

- A

By automatically writing code for the developer

0%
- ✓ B

By letting developers choose the machine type without managing AMLs or security groups

0%
- C

By requiring developers to manually manage machine instances and security

0%
- D

By solely allowing the use of local machines for model training

0%

[End Quiz Now](#)

What allows Amazon SageMaker to balance ease of use and access to powerful computing resources for machine learning model development?

0 users have participated

- A

Its ability to limit model training to only small datasets

0%
- ✓ B

The flexibility to select machine types and manage resources without complex configurations

0%
- C

The option to use Amazon's proprietary programming language exclusively

0%
- D

A fixed suite of tools that prescribe a specific workflow for all ML projects

0%

[End Quiz Now](#)

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5	<div><div><div><div><div></div><div>Manoj</div></div></div></div></div>	2/2	161.27		
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Based on all quizzes from the session

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4	Manoj	3/3	248.83		
5	Gajanan Todeti	3/3	226.26		
6	Sayyid Thajudheen Thangal K C	3/3	199.29		
7	Remu Singh	2/3	191.56		
8	Santhosh K	2/3	188.70		
9	Phani Kishore R PMP	2/3	185.13		
10	Rajeev Ranjan Kumar Singh	2/3	181.00		