Amazon Bedrock

Hands-on Labs Instructions

IBM Consulting, Nordcloud, Agyla
AWS Generative AI Bootcamp Day 2

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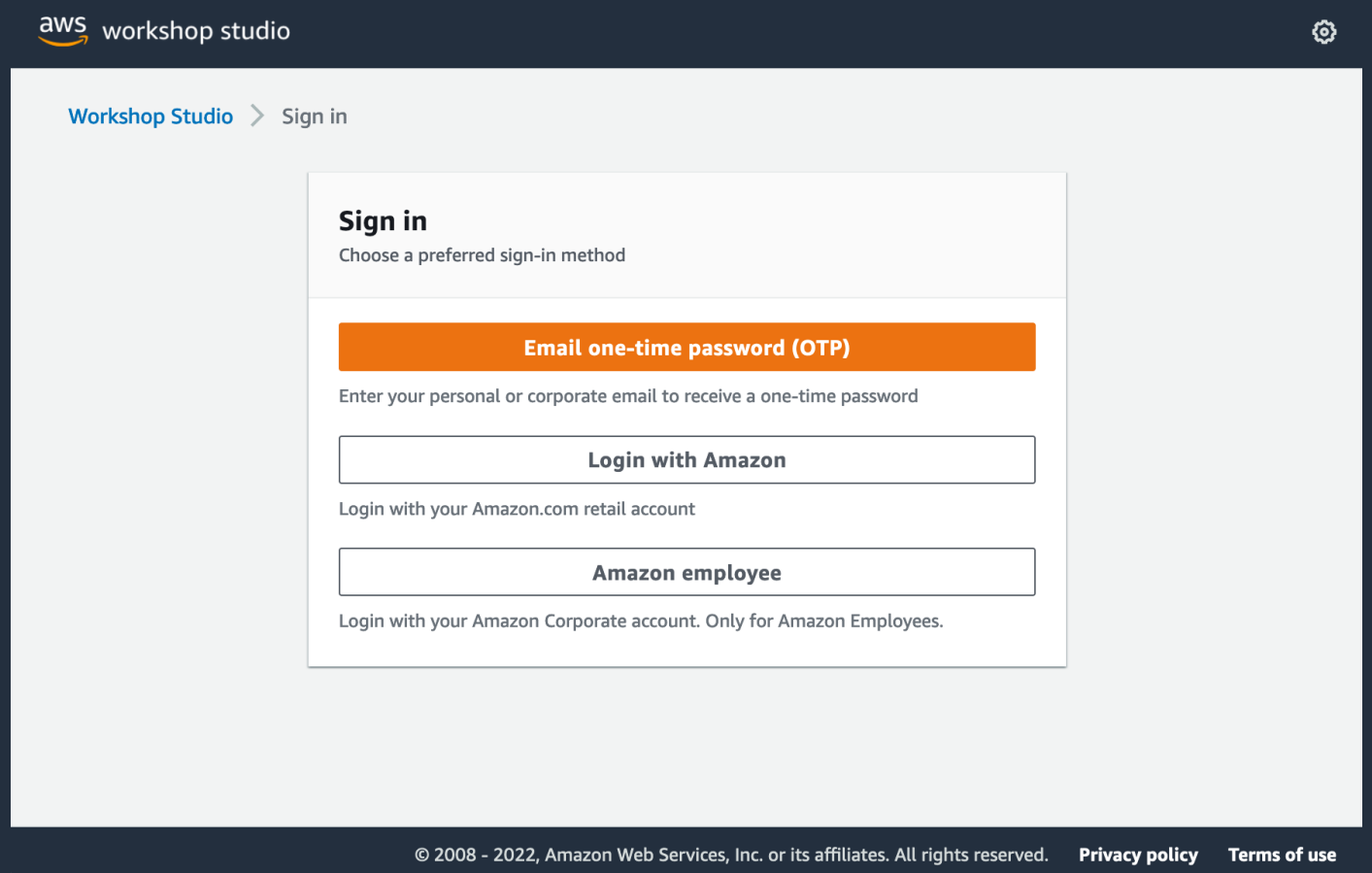
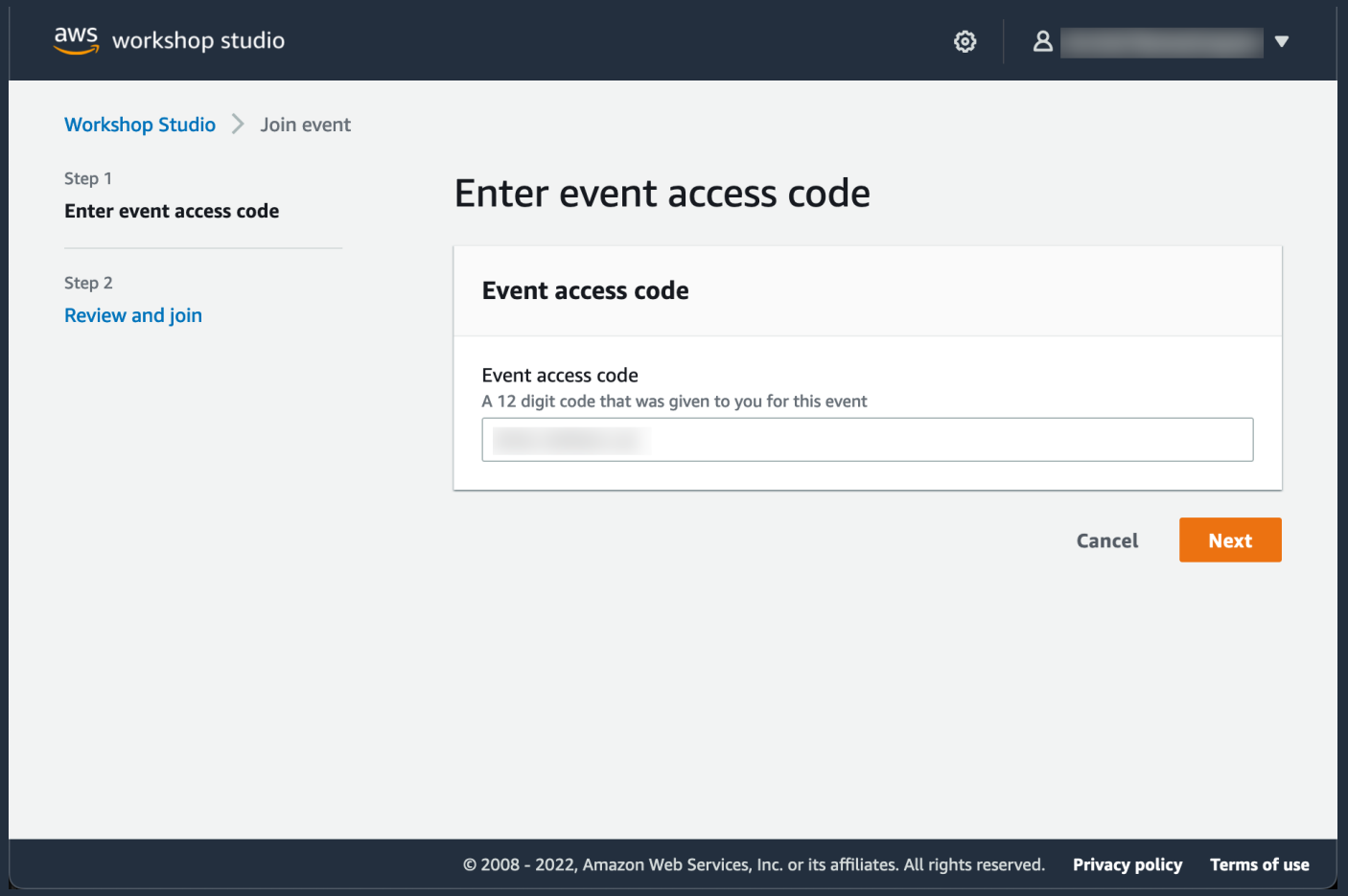
Step 1: Sign in via your preferred method

https://catalog.workshops.aws/join



Step 2: Enter event access code

18c4-069cc5-93



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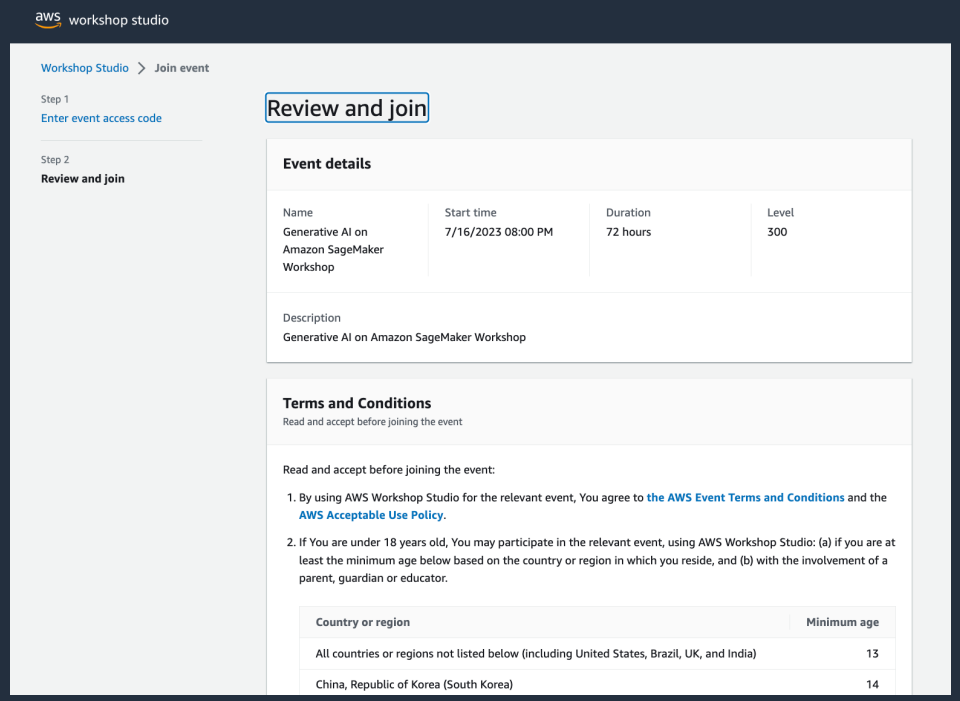
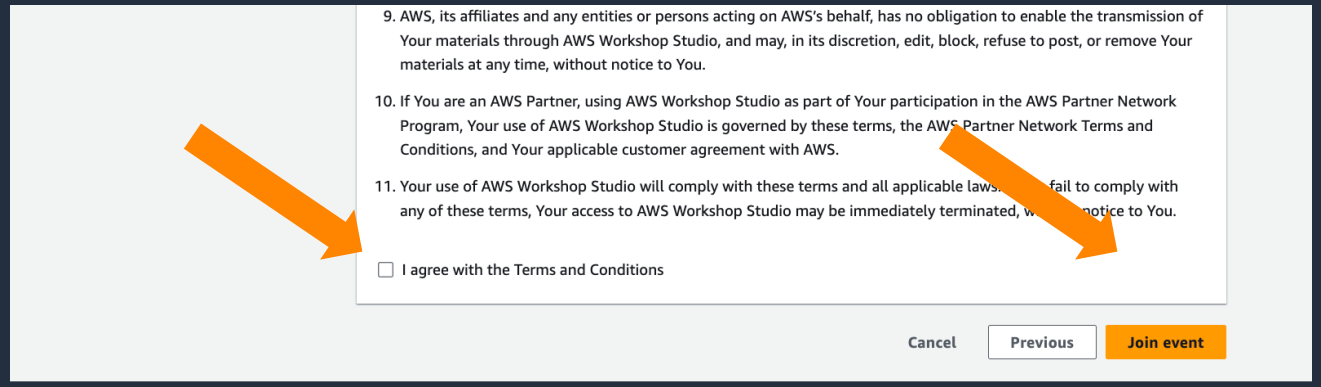
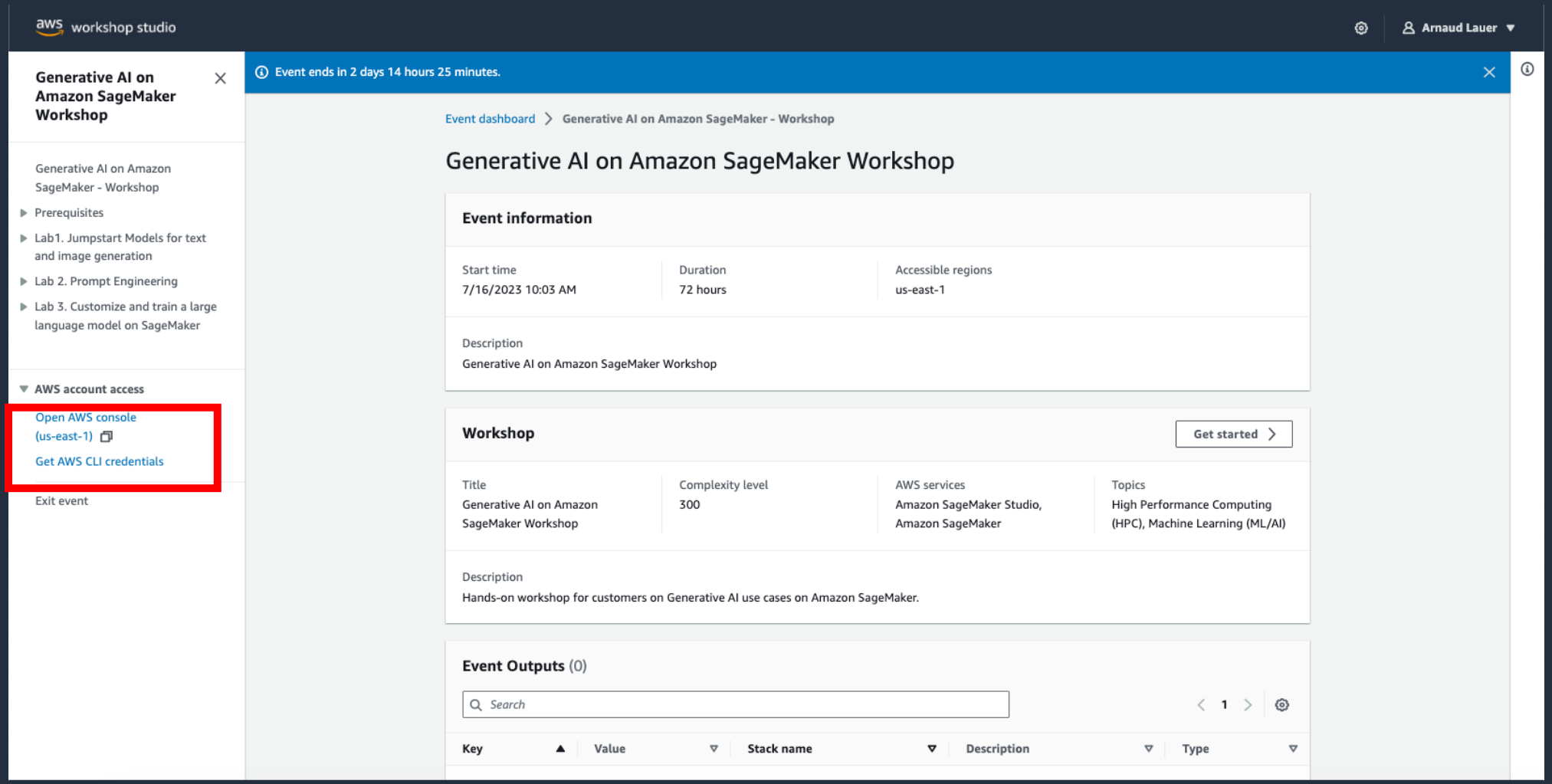
Step 3: Review terms and join event





Step 4: Access AWS account

Access the AWS Console, or generate AWS CLI credentials as needed



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Bedrock Hands-on Labs – Workshop

- Bedrock Workshop GitHub link

- Bedrock Workshop Studio link (for reference)

Steps to get started

1. Navigate to **us-east-1** in the **AWS account**
2. Go to **SageMaker** in the **AWS Management Console**
3. Select Domain (**StudioDomain**) from the panel on the left hand side
4. Double click on the domain profile to open it
5. You will find one user profile **studio-user**
6. Click on Launch button and select Studio
7. Wait for SageMaker Studio to open (takes a few mins)
8. Go to **File=> New => Terminal** to open the terminal
9. Run following commands in the terminal

   git clone https://github.com/aws-samples/amazon-bedrock-workshop.git

10. Open the notebook inside **00_intro**
11. Select **Data Science 3.0** as the Kernel image

[Continue to next slide]

Steps to get started (cont'd)

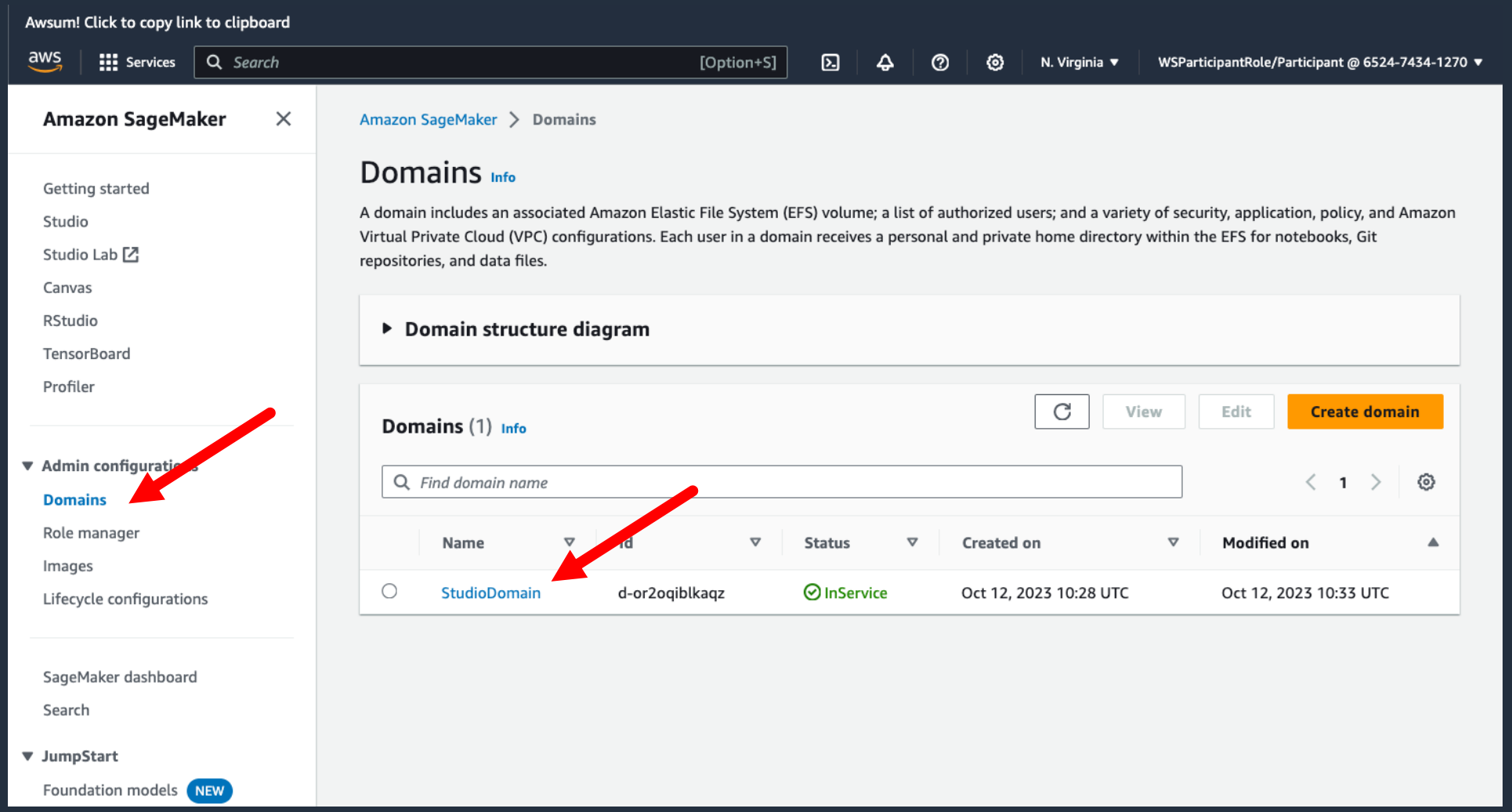
1. In every notebook, update the Cell containing AWS_DEFAULT_REGION and BEDROCK_ASSUME_ROLE with:
   1. **os.environ["AWS_DEFAULT_REGION"] = "us-east-1"**
   2. Leave the line with os.environ['AWS_PROFILE'] commented
   3. **os.environ["BEDROCK_ASSUME_ROLE"] = "arn:aws:iam::122594109988:role/ibm-workshop-emea-virtual"**

```
# ---- ⚠️ Un-comment and edit the below lines as needed for your AWS setup ⚠️ ----

os.environ["AWS_DEFAULT_REGION"] = "us-east-1"  # E.g. "us-east-1"
# os.environ["AWS_PROFILE"] = "<YOUR_PROFILE>"
os.environ["BEDROCK_ASSUME_ROLE"] = "arn:aws:iam::122594109988:role/ibm-workshop-emea-virtual"  # E.g.
```

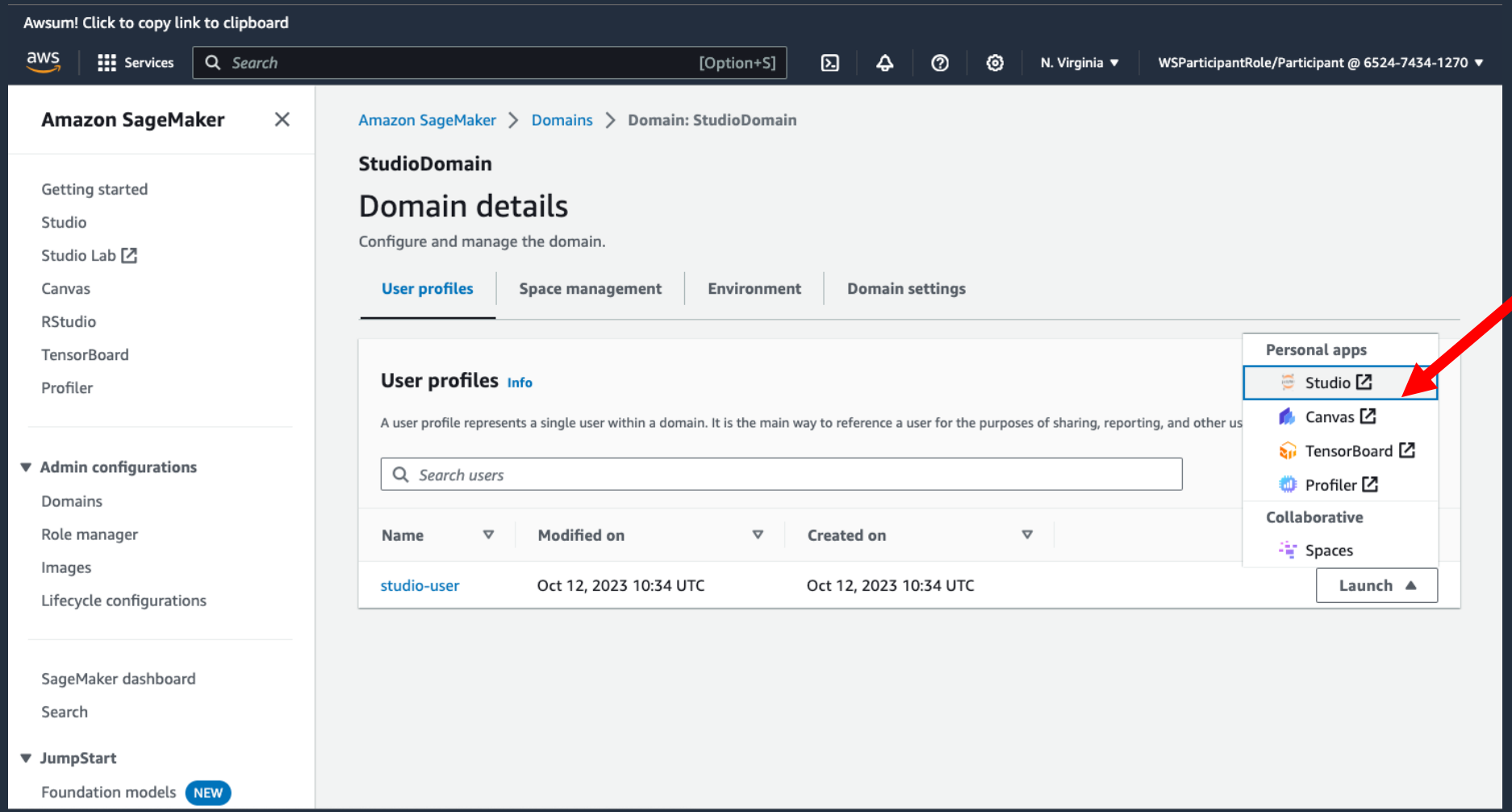
Steps to get started (cont'd)

- Select Domain (**StudioDomain**) from the panel on the left hand side
- Double click on the domain profile to open it



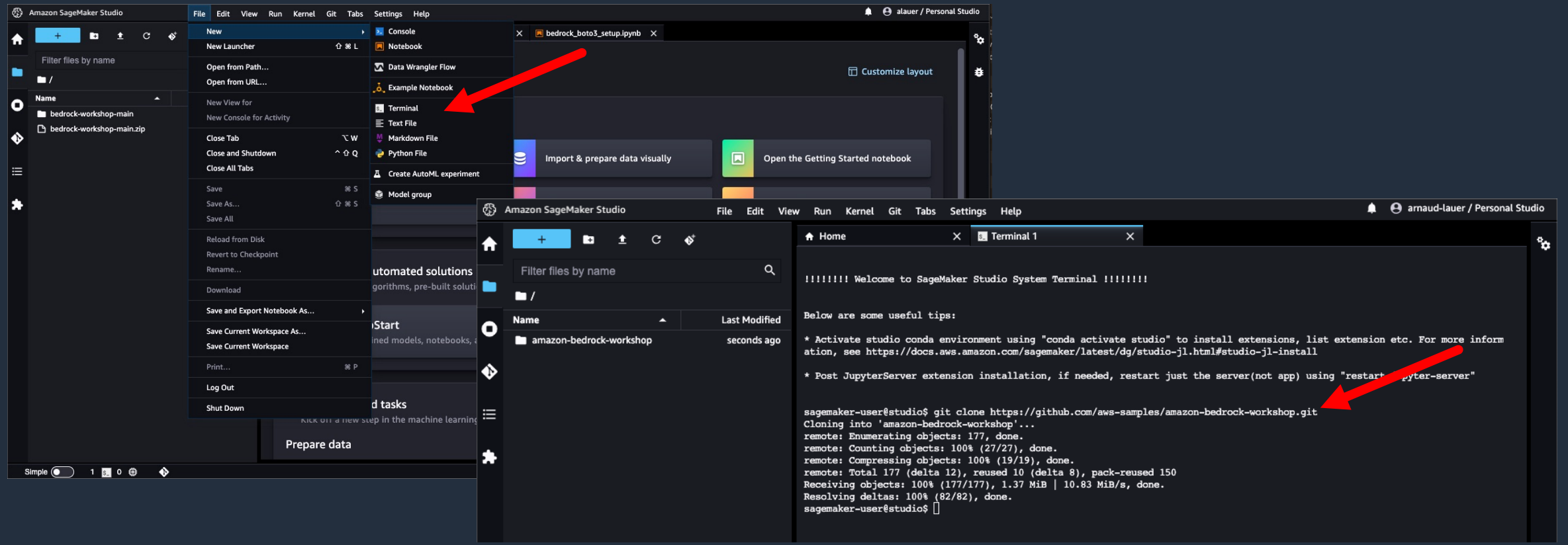
Steps to get started (cont'd)

- Double click on the domain profile to open it
- Find your **studio-user** as the name of the profile

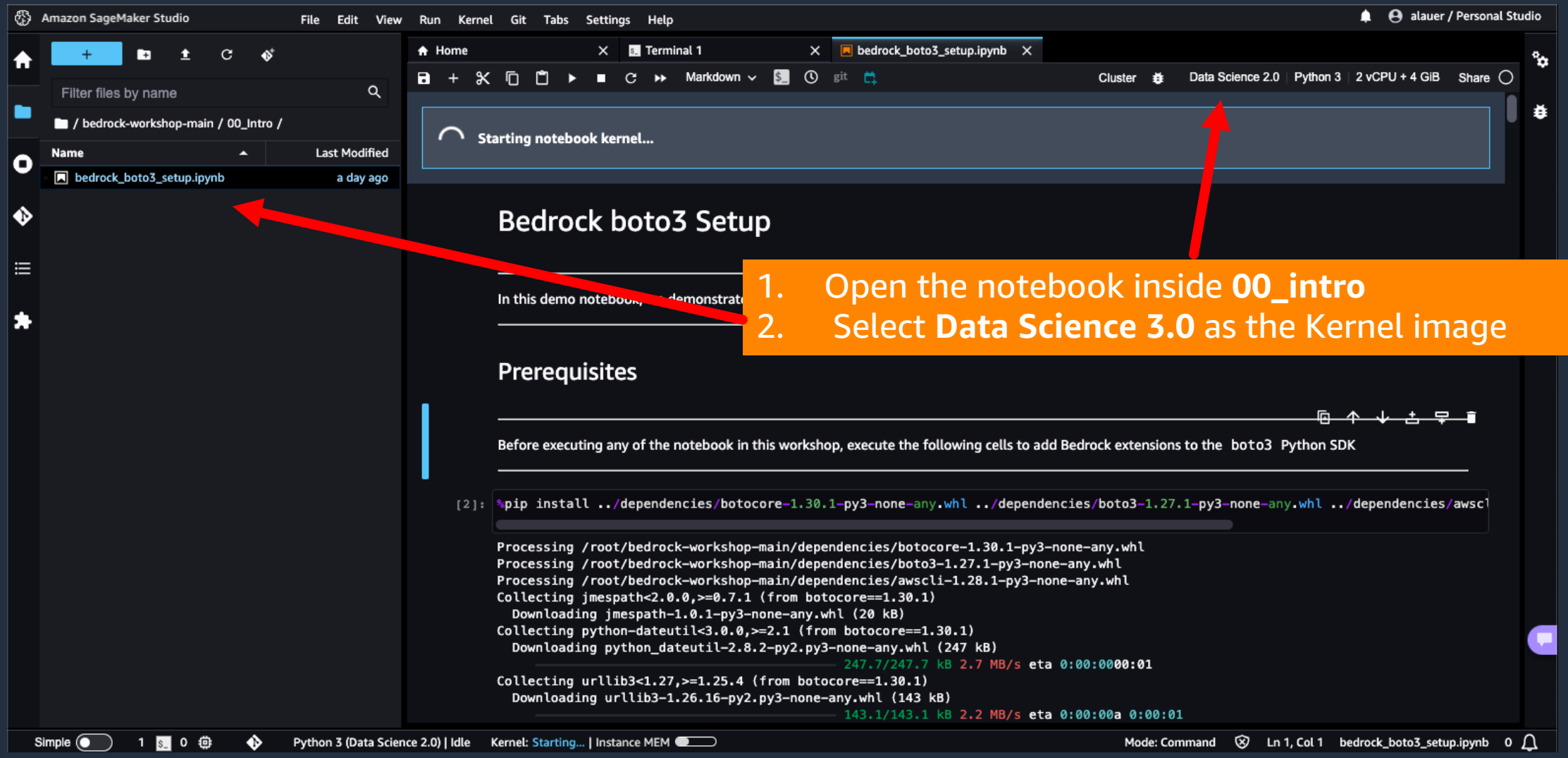


Steps to get started (cont'd)

- Launch Terminal Window in SageMaker Studio
- Run commands: **git clone** https://github.com/aws-samples/amazon-bedrock-workshop.git



Steps to get started (cont'd)



Steps to get started (cont'd)

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```
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os.environ["AWS_DEFAULT_REGION"] = "us-east-1"  # E.g. "us-east-1"
# os.environ["AWS_PROFILE"] = "<YOUR_PROFILE>"
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```

Thank you!

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