Kafka – In Class Assignment

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# Browse to AWS Console

<https://175780344040.signin.aws.amazon.com/console>

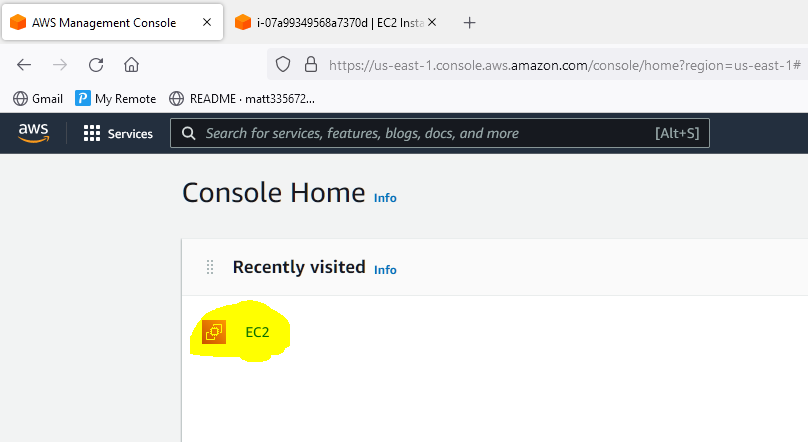
# User/Pass

User: kafka

Pass: Data603$Lite

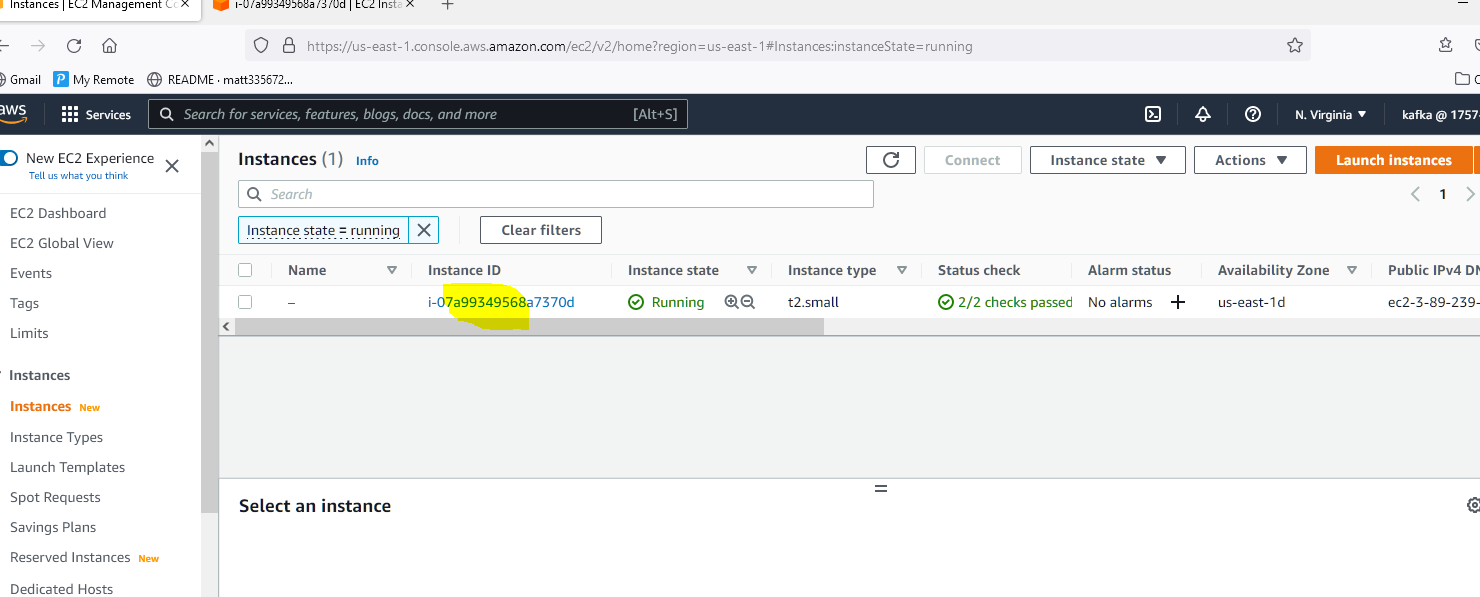
# Navigate to the EC2 section of AWS

Click on EC2 as shown below



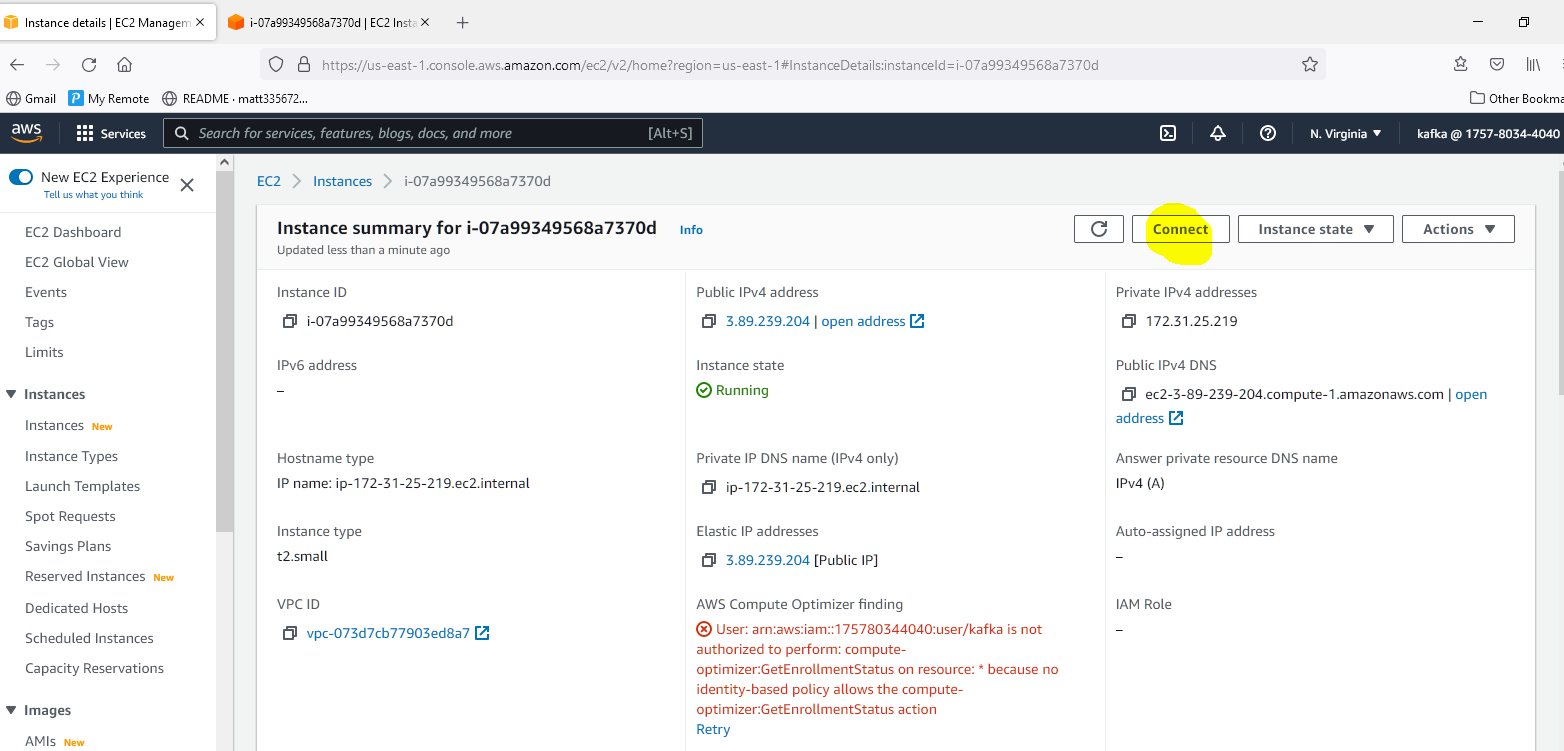
# Go to the Instance details

By clicking on the instance ID as shown below



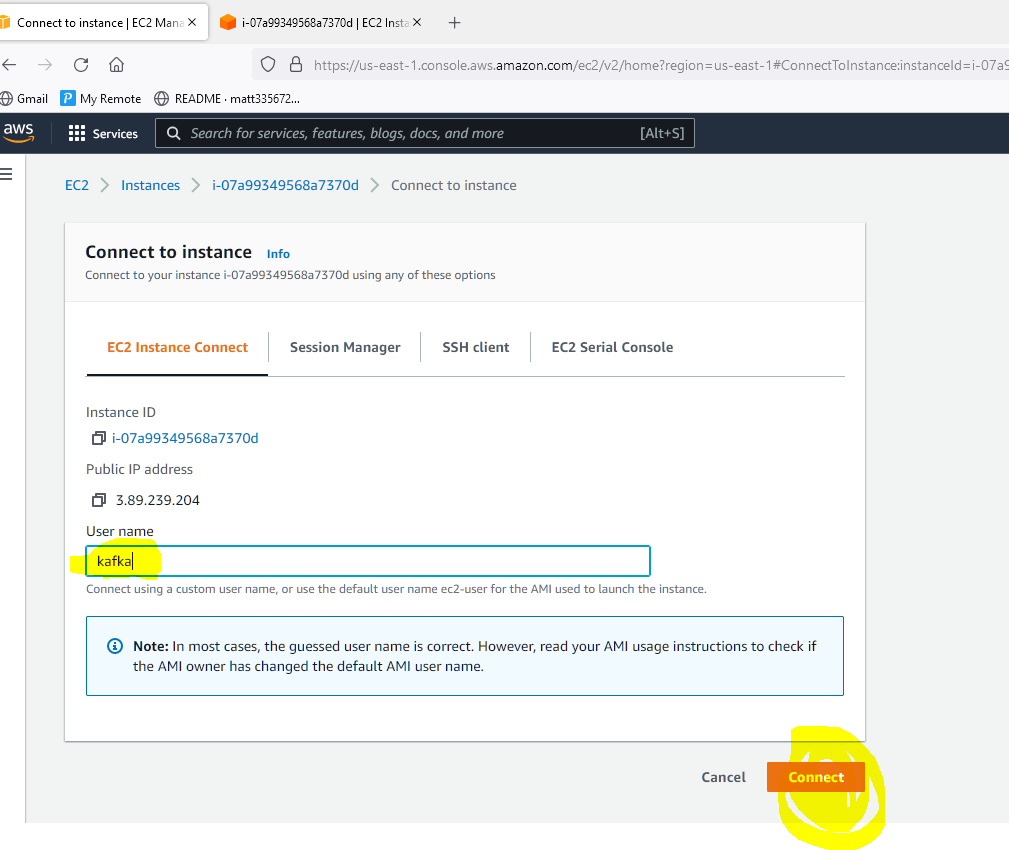
# Connect to the Instance

Click on Connect as shown

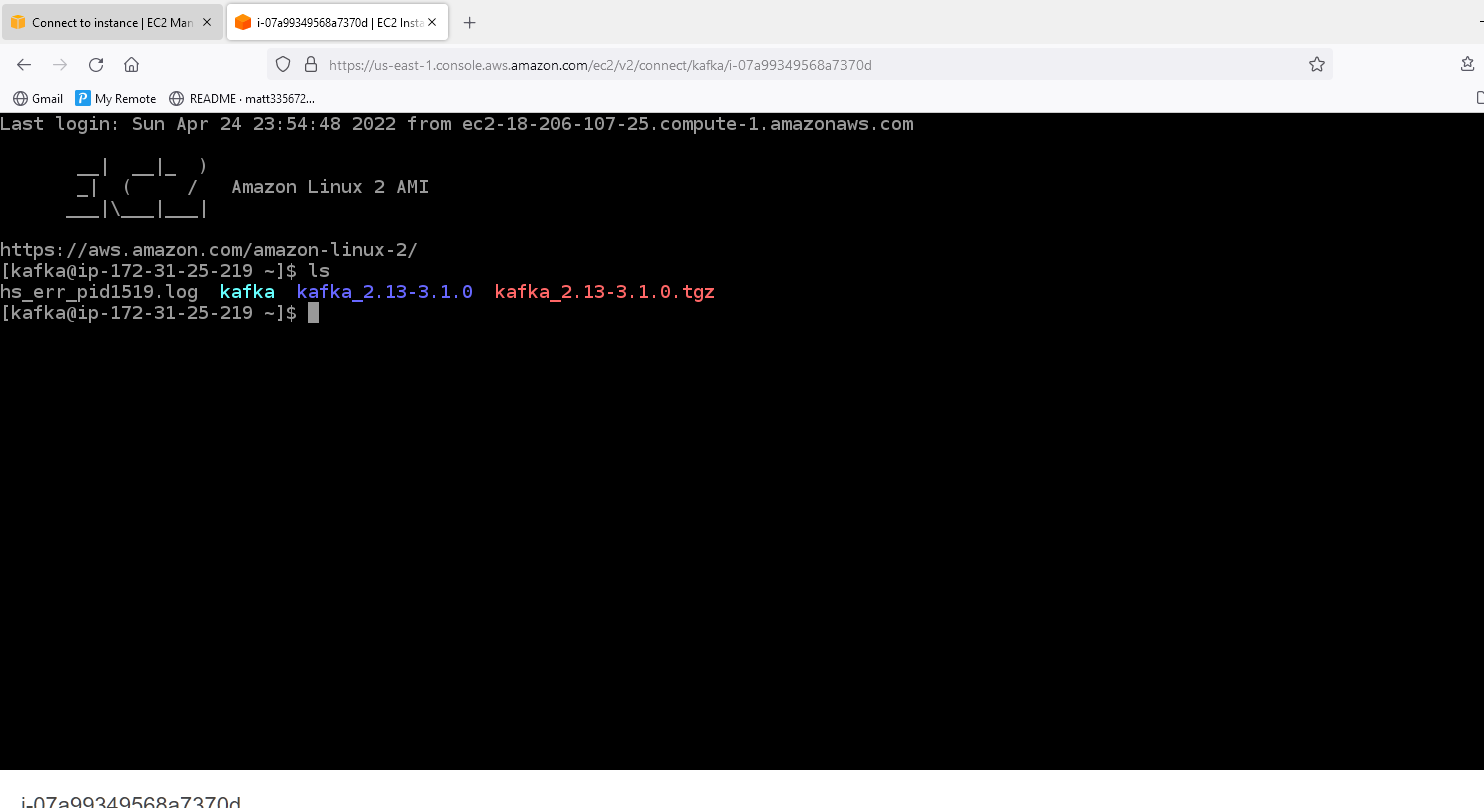


# Change login user to: kafka

1. Remove ec2-user and enter kafka (lower case)
2. Click Connect



# Login shell opens in new tab



# Create a Kafka Topic

The topic name should be your first name. Lower case, no spaces, remove the < and > characters.

**kafka-topics.sh --create --topic <your name> --bootstrap-server ec2-3-89-239-204.compute-1.amazonaws.com:9092**

# Publish Data into your topic

kafka-console-producer.sh --topic your-topic-name --bootstrap-server **ec2-3-89-239-204.compute-1.amazonaws.com:9092**

At the prompt, enter some text data with carriage returns. E.g.

Hello

These

Are

Kafka

Messages

# Consume Kafka Messages in Databricks

Now create your DataBricks cluster, and consume messages from the Topic.

By executing this Notebook: <https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/3639870696404502/3040571083369809/3272661391545978/latest.html>