Creating a Data Stream

To Begin with the Lab

Summary of the Lab

This lab explains how to create an Amazon Kinesis Data Stream. You log in to the AWS Console, navigate to Kinesis, and select **Create data stream**. Provide a stream name, choose the **Provisioned** capacity mode, and specify the number of shards (e.g., 2). Finally, review your settings and click **Create data stream** to complete setup.

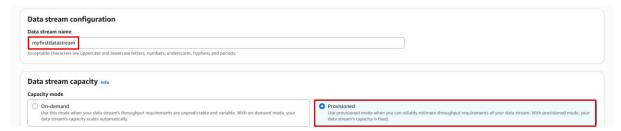
- Log in to your AWS account.
- In the search bar, type Kinesis and select Amazon Kinesis.



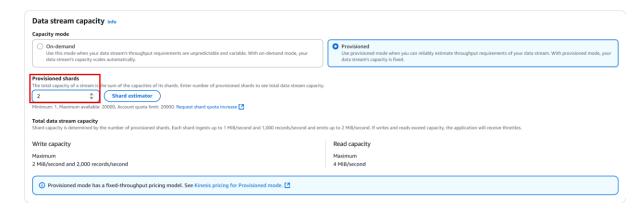
• In the Kinesis dashboard, click Create data stream.



- Enter a **Stream name** (e.g., my-first-data-stream).
- Under Capacity mode, choose one of the following:
 - o **Provisioned** manually specify shards.
 - On-demand AWS scales automatically.
 (For this lab, choose Provisioned.)



- Enter the **number of shards** (e.g., 2).
 - o Each shard can handle up to 1MB/sec write and 2MB/sec read.



• Review the settings and click Create data stream.

