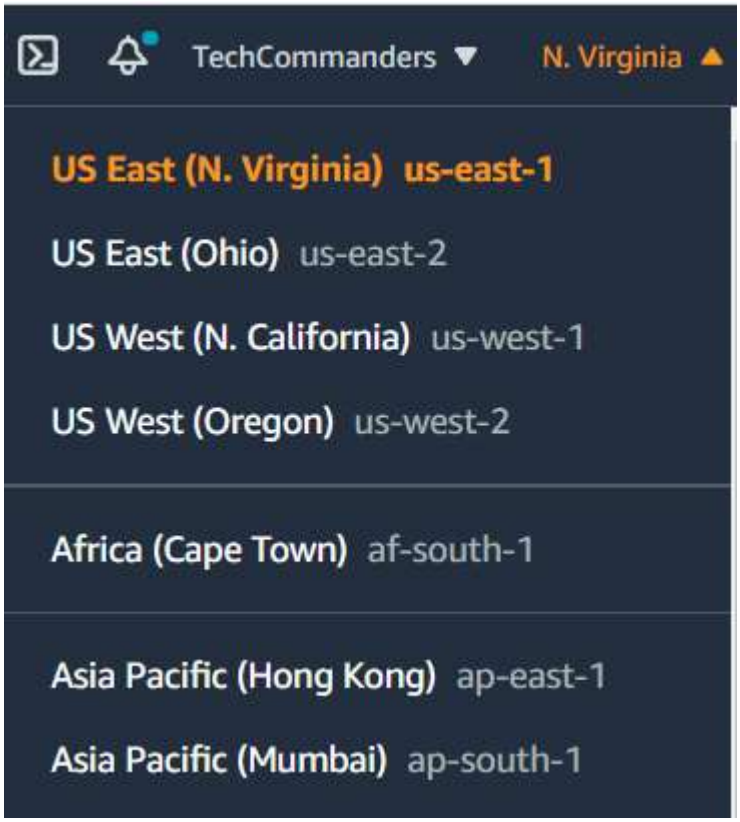
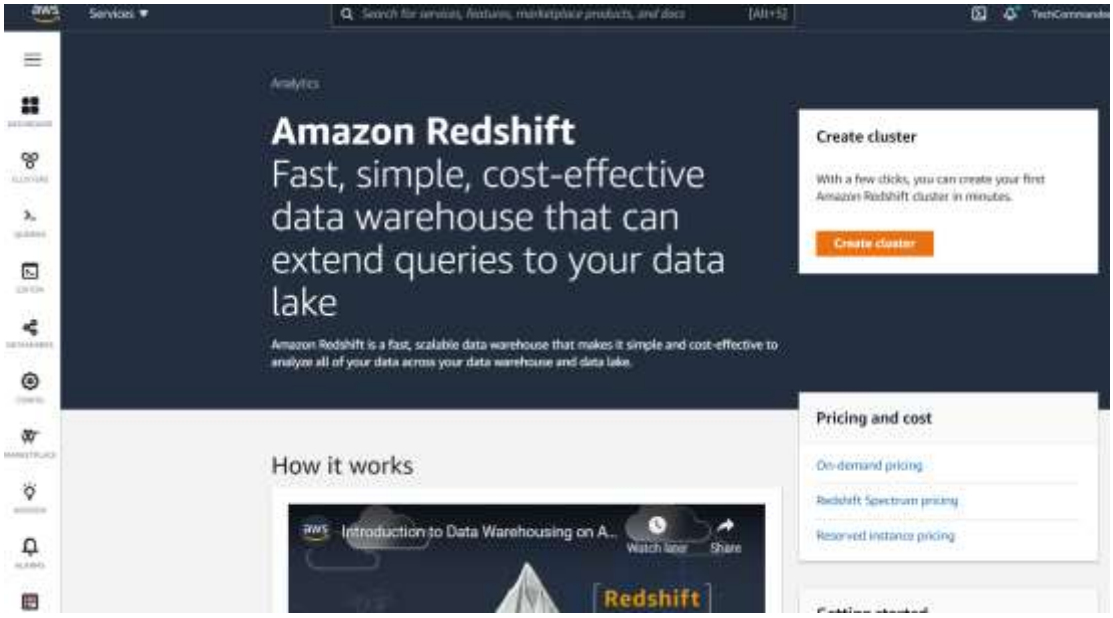
In this exercise we will deploy a Free Tier Redshift Cluster with sample data that we will be using for connection and query practice.

(Once we are done with Exercise Two we will delete the cluster since we will be deploying a 3 node cluster and then ingesting data.

1. Setup an AWS Free Tier account (For those without an AWS Account)
2. Sign in and launch a Redshift Cluster using the following steps.
   - Sign in to AWS Management console and use the following link to open Amazon Redshift console − https://console.aws.amazon.com/redshift/
   - Select the region where the cluster is to be created using the Region menu on the top right-side corner of the screen.

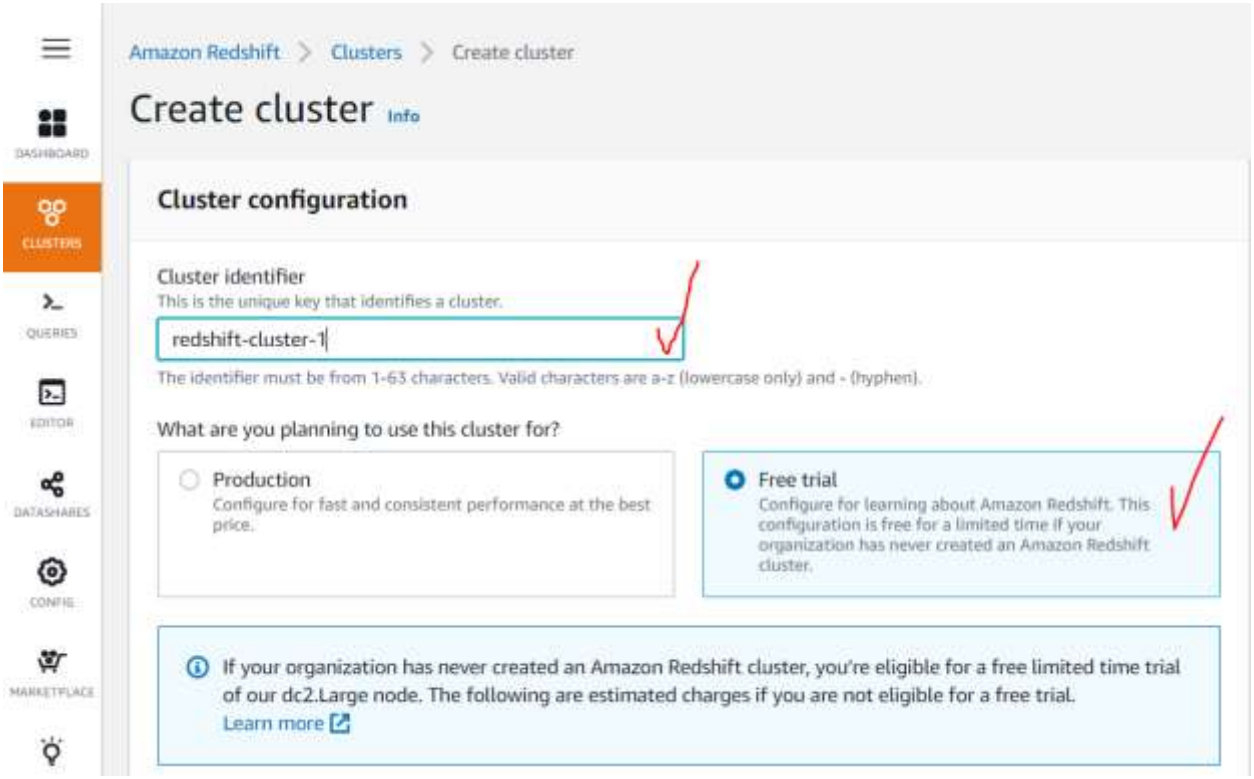


   - Click the Create Cluster button that is Orange on the right side of the interface.



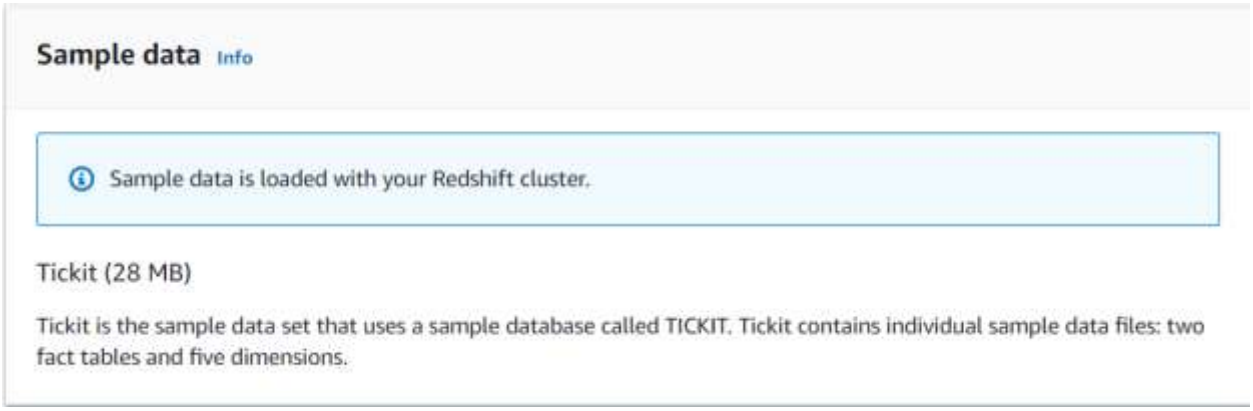
We will leave the Cluster Identifier as default.

Select the “Free trial” for What are you planning to use this cluster for?



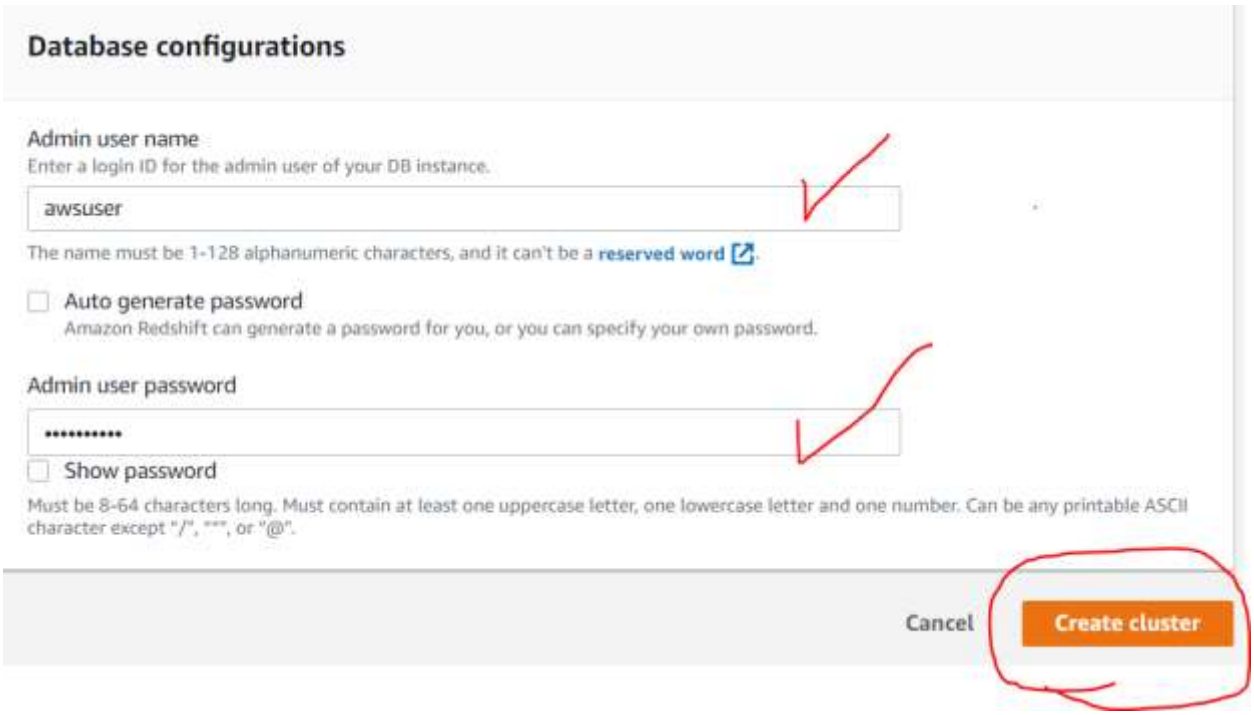
A calculated summary will be presented.

Very Sample Data will be loaded. This will be used in the upcoming exercises.



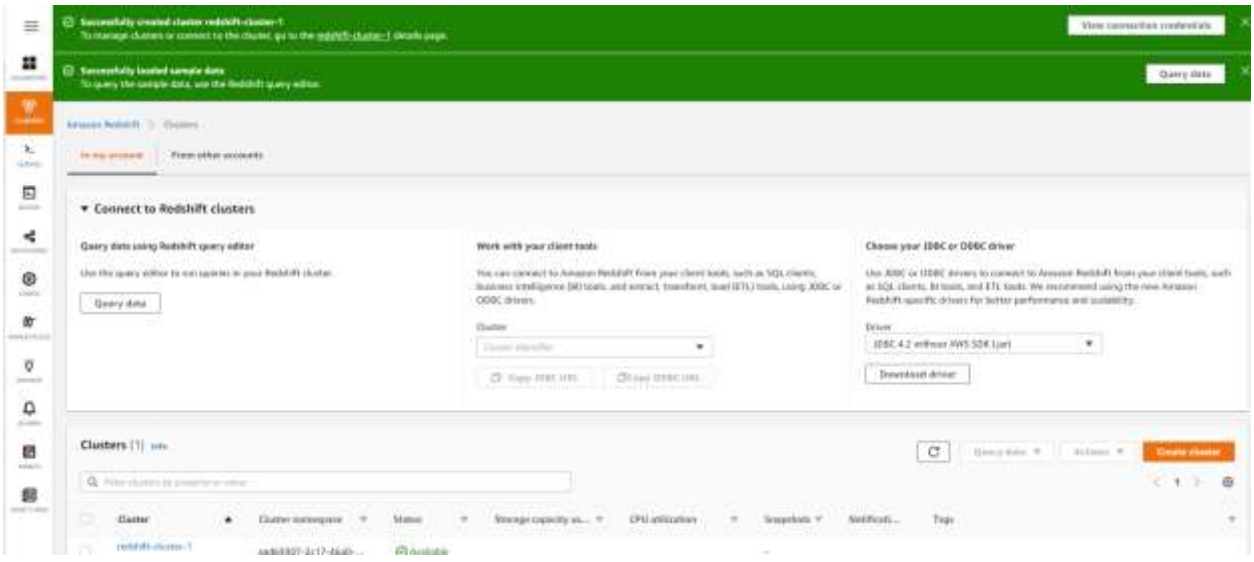
Enter your username and enter a password.

Select Create Cluster



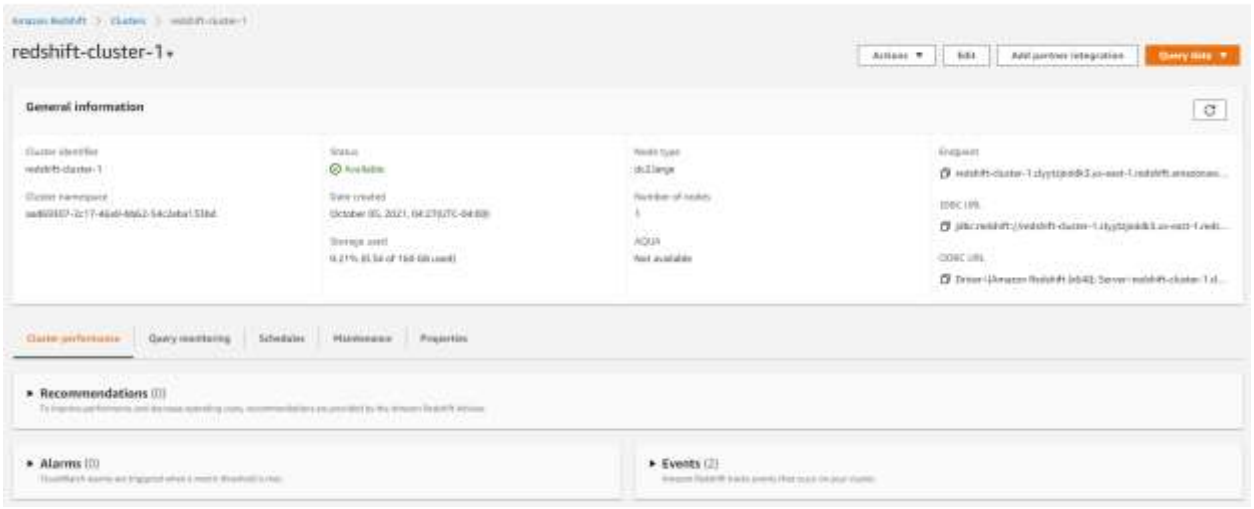
The Cluster will be deployed, and the sample data will be loaded. (Up to 10 minutes)

When the process completes this should be similar to this example.



Under Clusters, select the newly deployed cluster.

Validate the cluster = Available, Nodes, etc.



Leave this cluster online, we will use for the next few exercises. Next Exercise we will connect to a database.

End of Exercise 1. Exercise Two we will connect to the database and then query the sample data.