Create a IAM role and give it admin access to allow or s3Fullaccess should also work

Create a folder in S3

Set the access to read and write to public to avoid conflict

Create an EC2 instance and attach the IAM role created in the first place

Install package for pyspark and verify installation

Then in the Ec2 using aws cli import the data from s3 to local if direct import is not working

Then write the code and save the output

Once we have the output in local again use aws cli to push the data back to s3 processed bucket

Then using sagemaker canvas create a domain and set up a machine learning project and import the data from s3 bucket after configuring it

Follow the step to deploy and make sure to delete everything to avoid getting charged

Quicksight we can import the data from s3 directly else we can use the local file downloaded from s3 and upload the processed data to quicksight to visualize the result.