**It is used to access azure blob storage into databrikes using python notebook.**

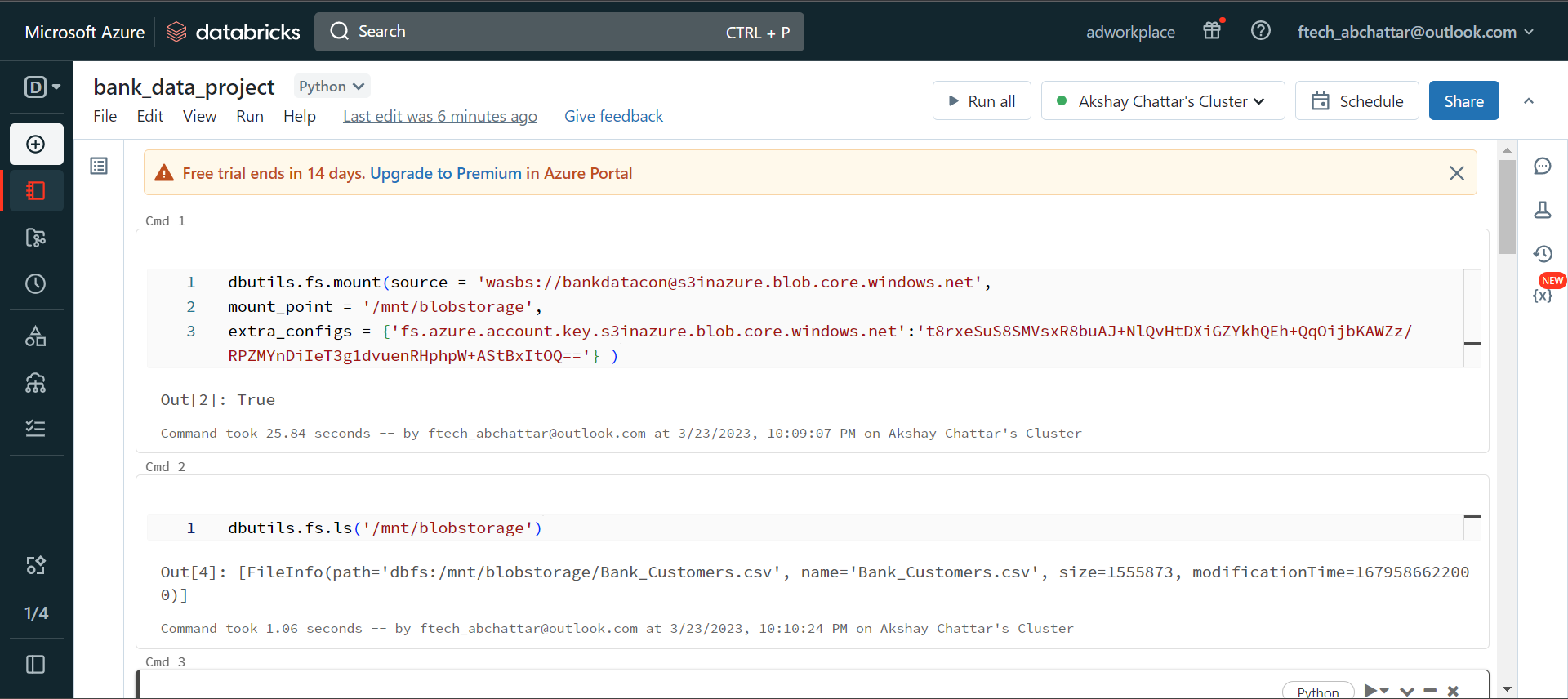
dbutils.fs.mount(source = 'wasbs://bankdatacon@s3inazure.blob.core.windows.net',

mount\_point = '/mnt/blobstorage',

extra\_configs = {'fs.azure.account.key.s3inazure.blob.core.windows.net':'t8rxeSuS8SMVsxR8buAJ+NlQvHtDXiGZYkhQEh+QqOijbKAWZz/RPZMYnDiIeT3g1dvuenRHphpW+AStBxItOQ=='} )

To see the content in blob storage

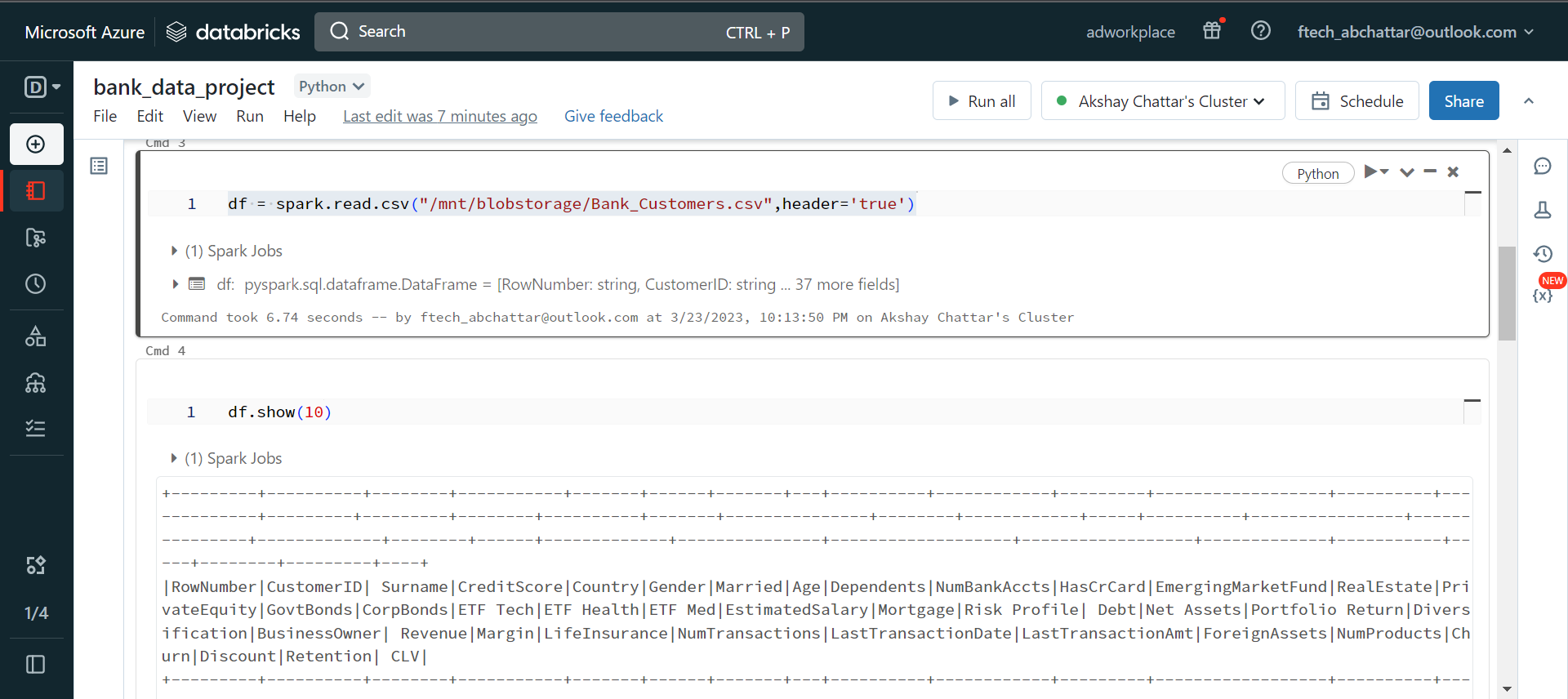
dbutils.fs.ls('/mnt/blobstorage')



Read the CSV file and create DataFrame

df = spark.read.csv("/mnt/blobstorage/Bank\_Customers.csv",header='true')

df.show(10)





df.createOrReplaceTempView('bank\_data')

spark.sql("SELECT male\_transactions,female\_transactions ,if(male\_transactions>female\_transactions,'male does more transactions','female does more transactions') as more\_transaction\_done\_by from (select(SELECT cast(sum(NumTransactions) as int) FROM bank\_data WHERE Gender= 'Male') AS male\_transactions,(select cast(sum(NumTransactions) as int) from bank\_data where Gender='Female') as female\_transactions)v1").show()

