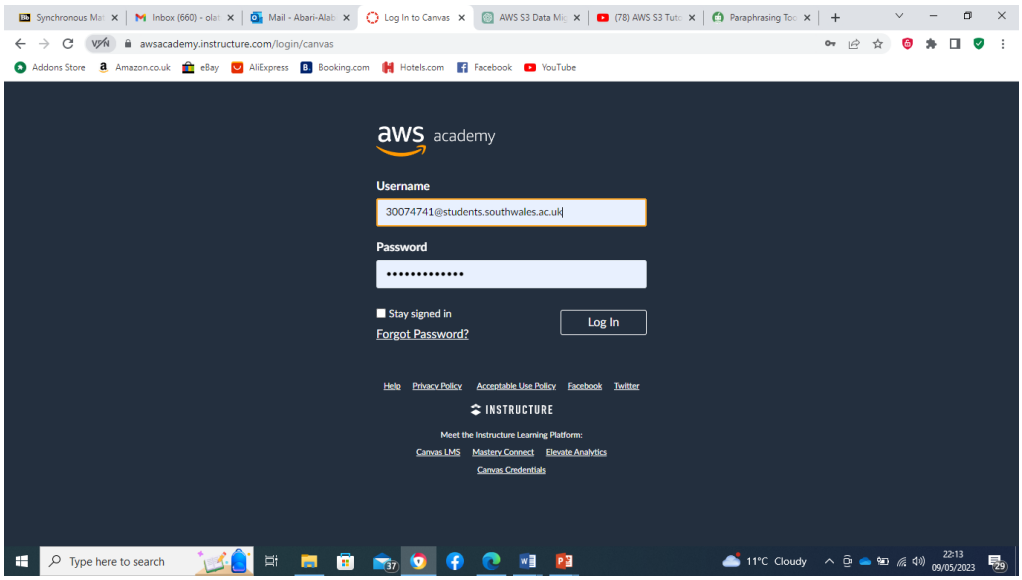
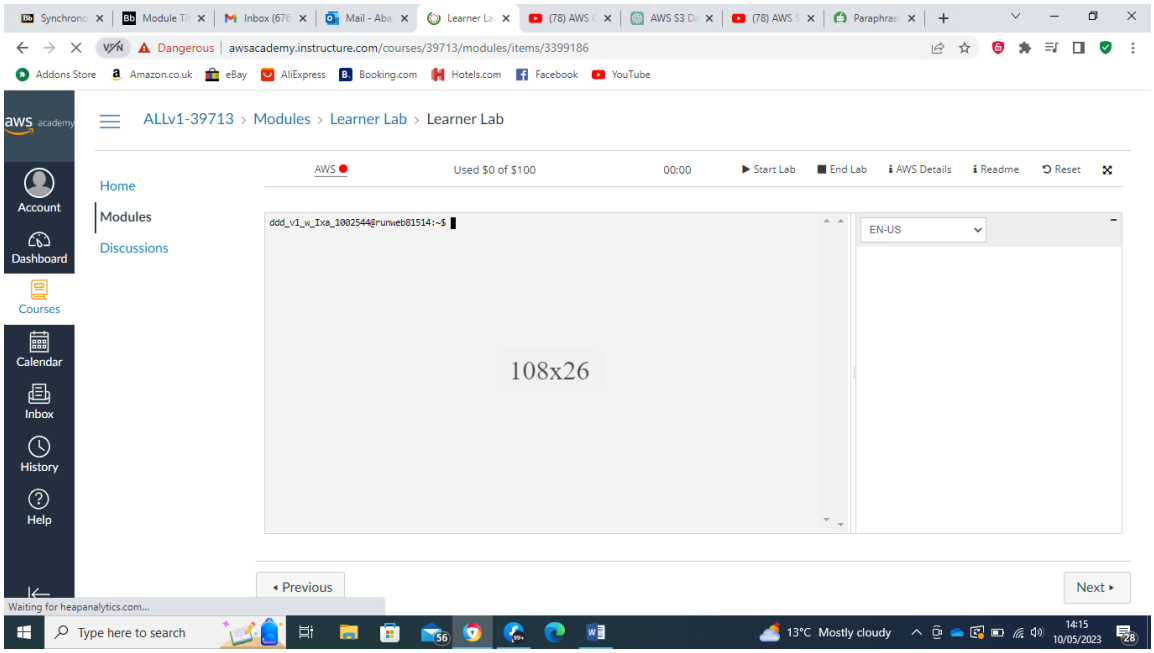
Step-By-Step Guide: Creating and Storing Data Into AWS Simple Storage Service Bucket (AWS S3)

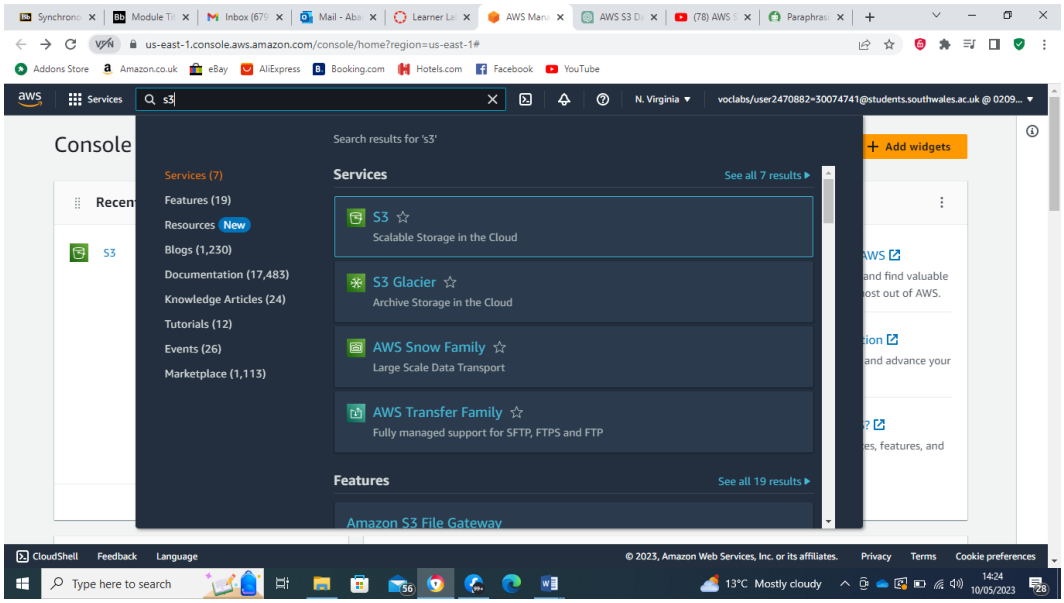
1. Open an AWS website and Click "Log in" on the AWS website. Sign-in with your credentials given to you by your administrator



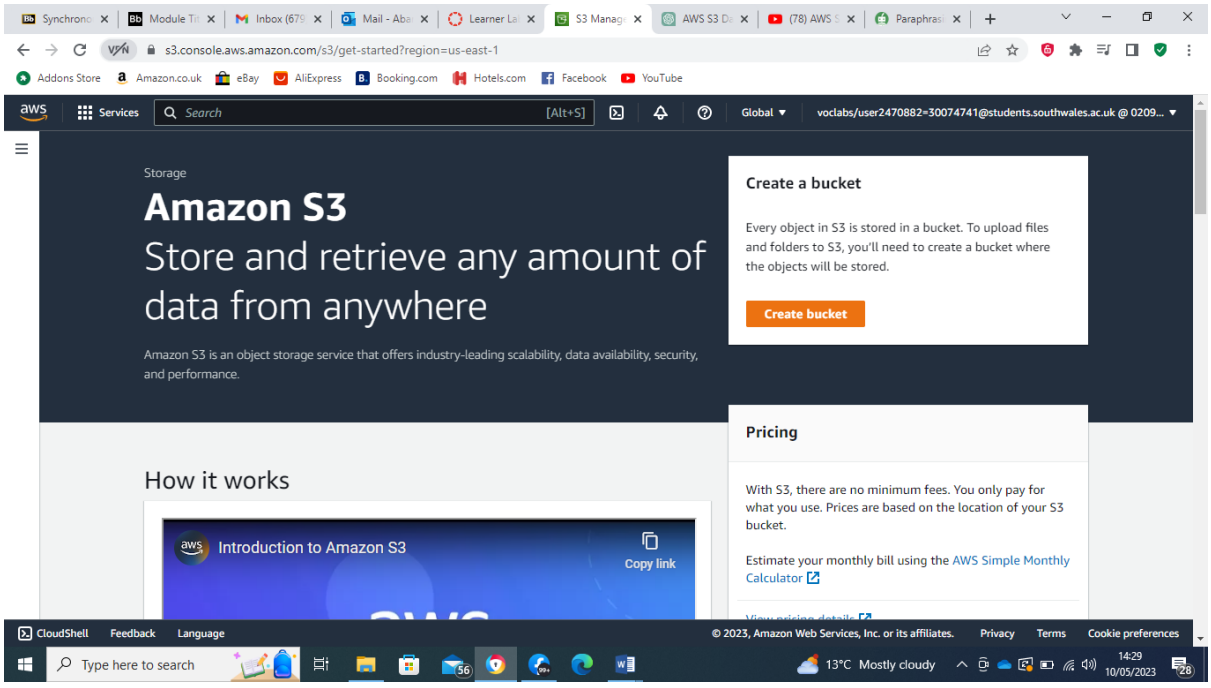
2. Access the AWS Management Console by choosing ‘Start Lab’ to launch your lab. Wait until you see the message “Lab status: ready”. At the top of your screen, click ‘AWS’, this will open the AWS Management Console in a new browser tab.

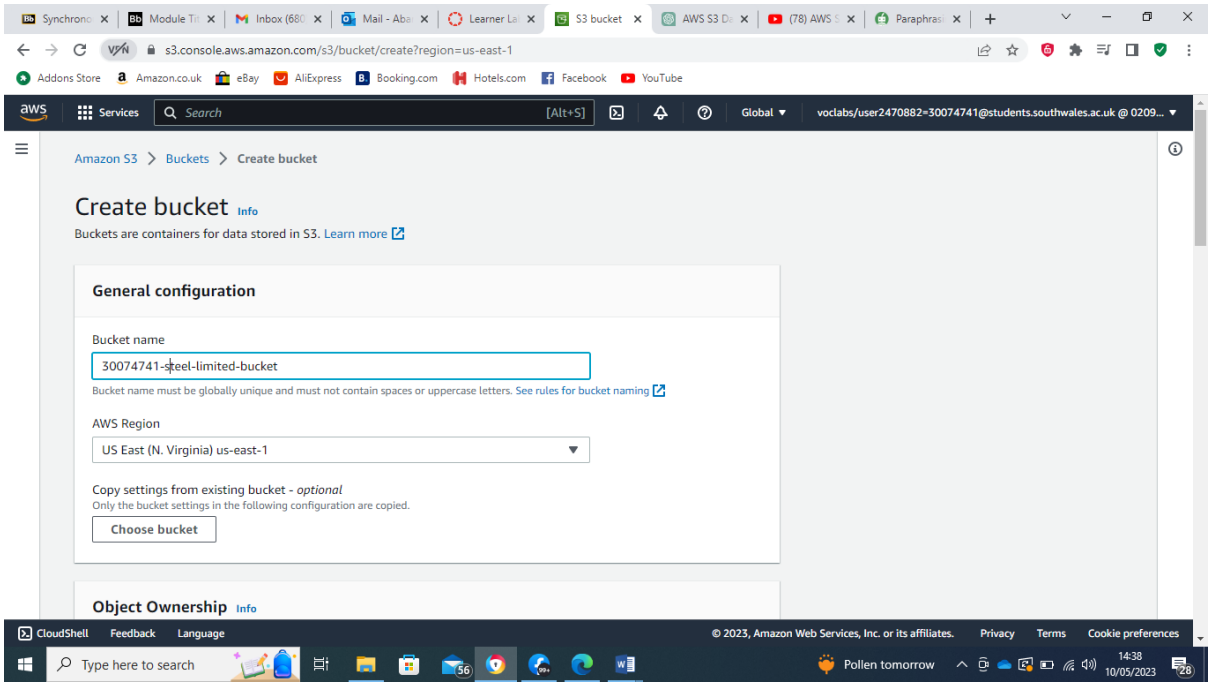


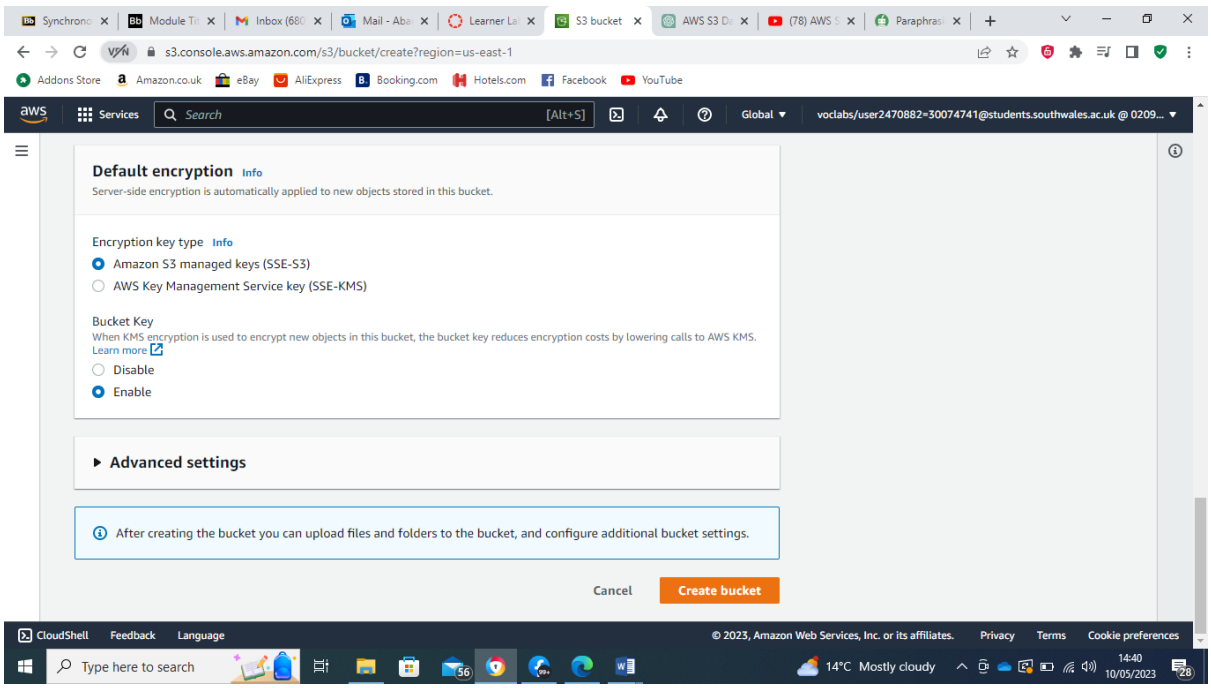
3. After logging in, go to the AWS service. S3 can be found in the "Storage & Content Delivery" section of the AWS console or by typing "S3" into the search bar at the top of the page.



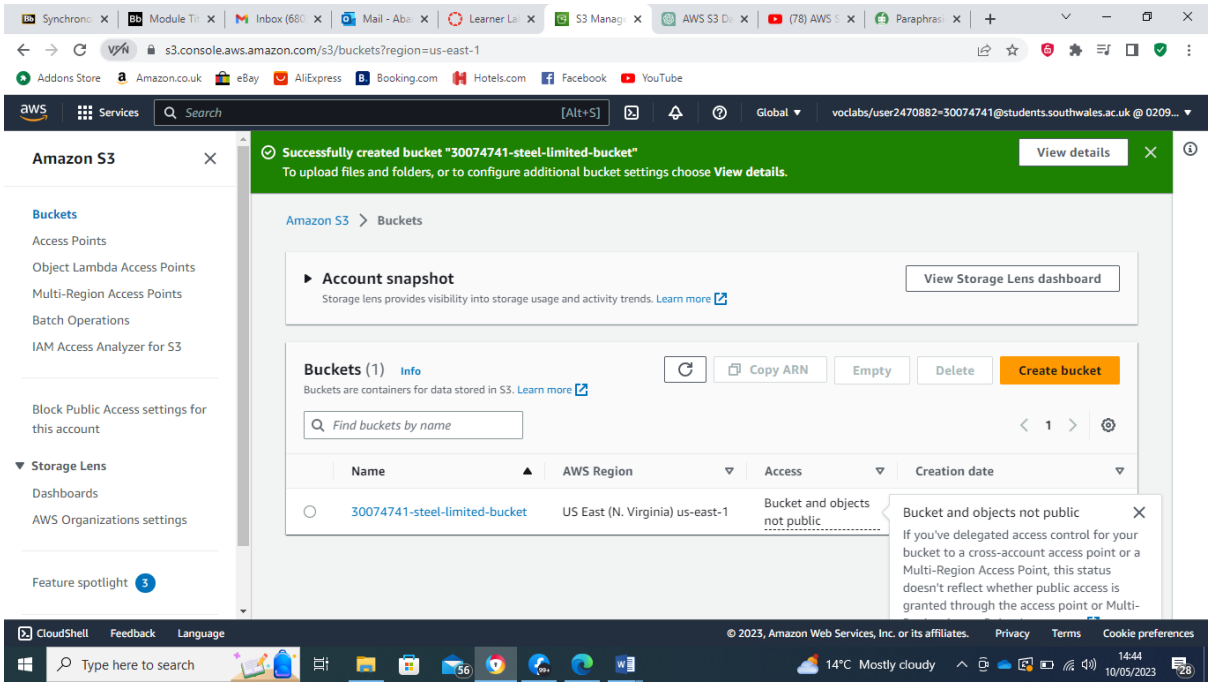
4. Create an S3 bucket. To set up your new bucket, click the "Create bucket" button and then adhere to the setup instructions. You must decide on a name for your bucket (here, 30074741-steel-limited-bucket), choose a region (here, US East (N. Virginia) us-east-1), and set up any necessary options, such as permissions.

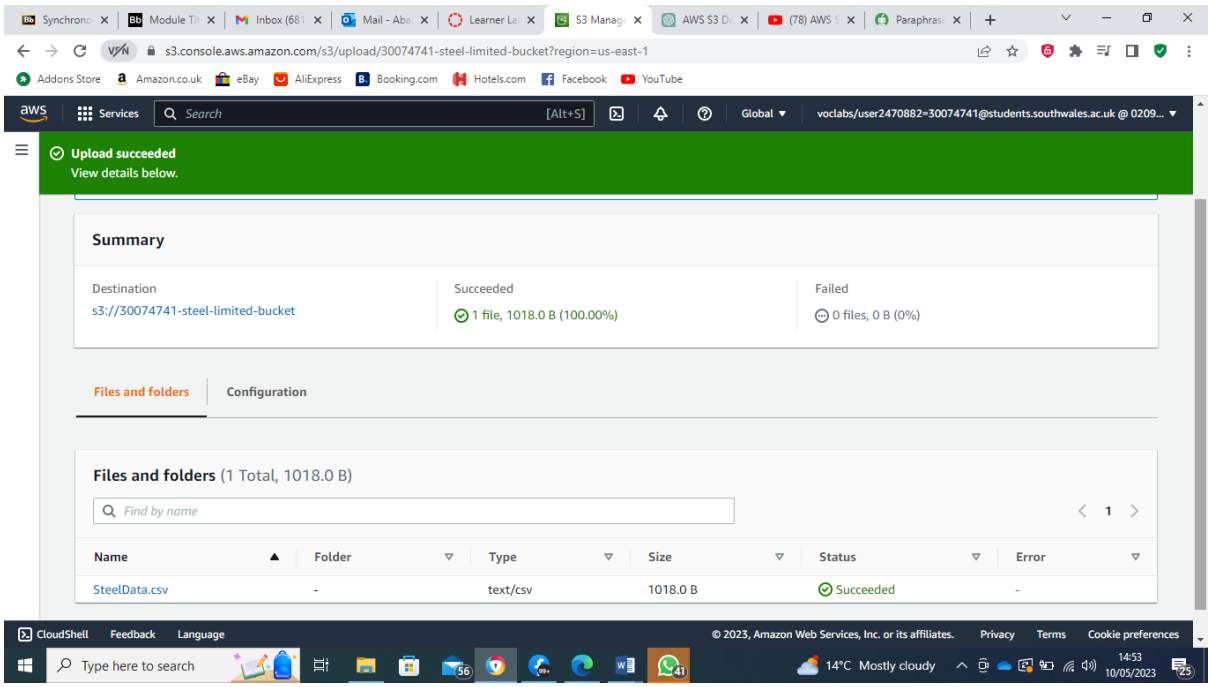




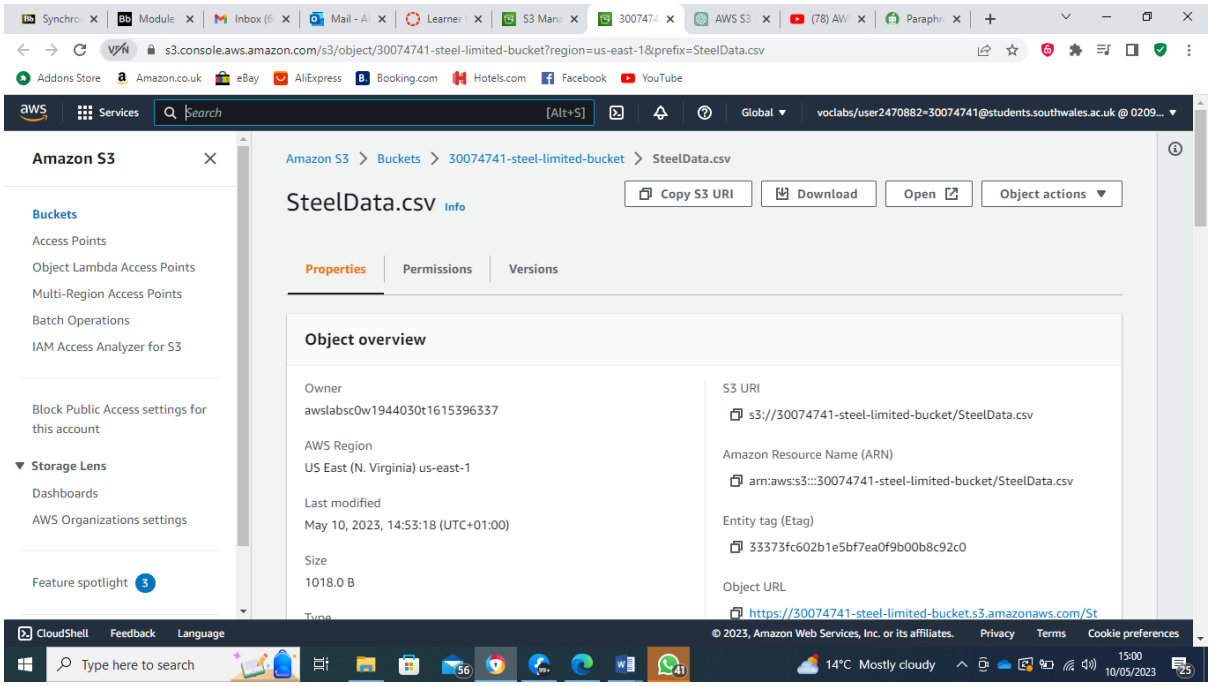


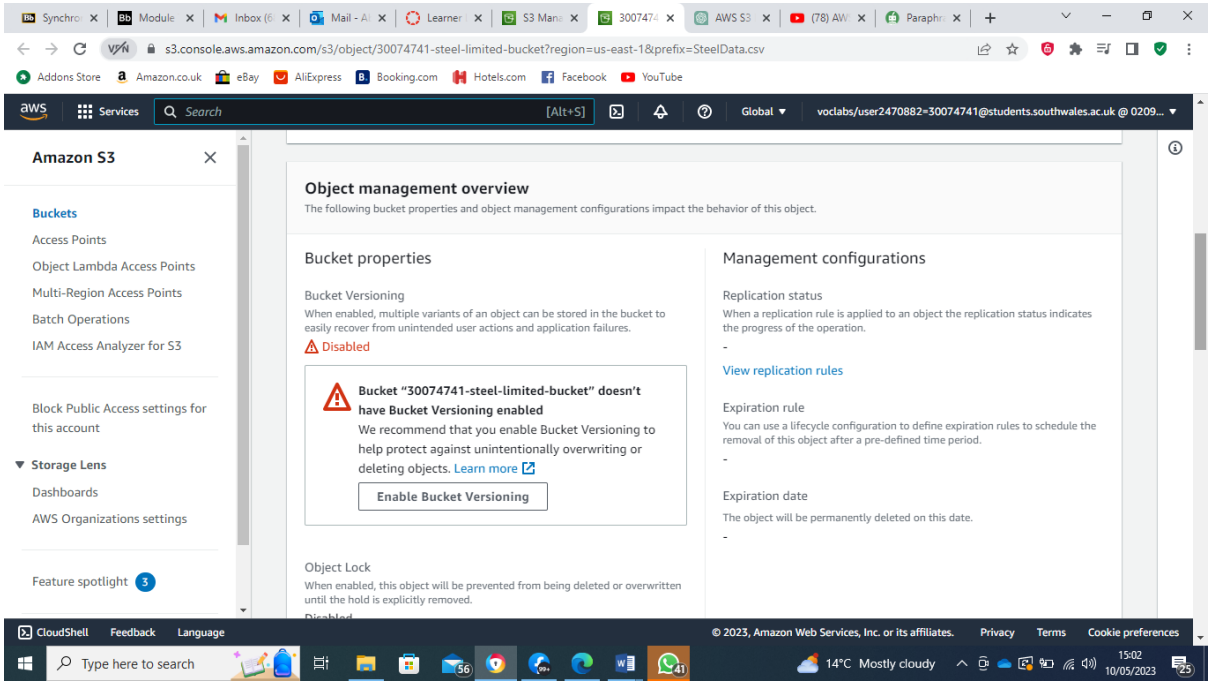
5. Upload your company data (Steel Limited) to the S3 bucket. Using the AWS S3 console by clicking on your bucket and then clicking on the "Upload" button. Alternatively, you can use the AWS Command Line Interface (CLI) to upload your data.



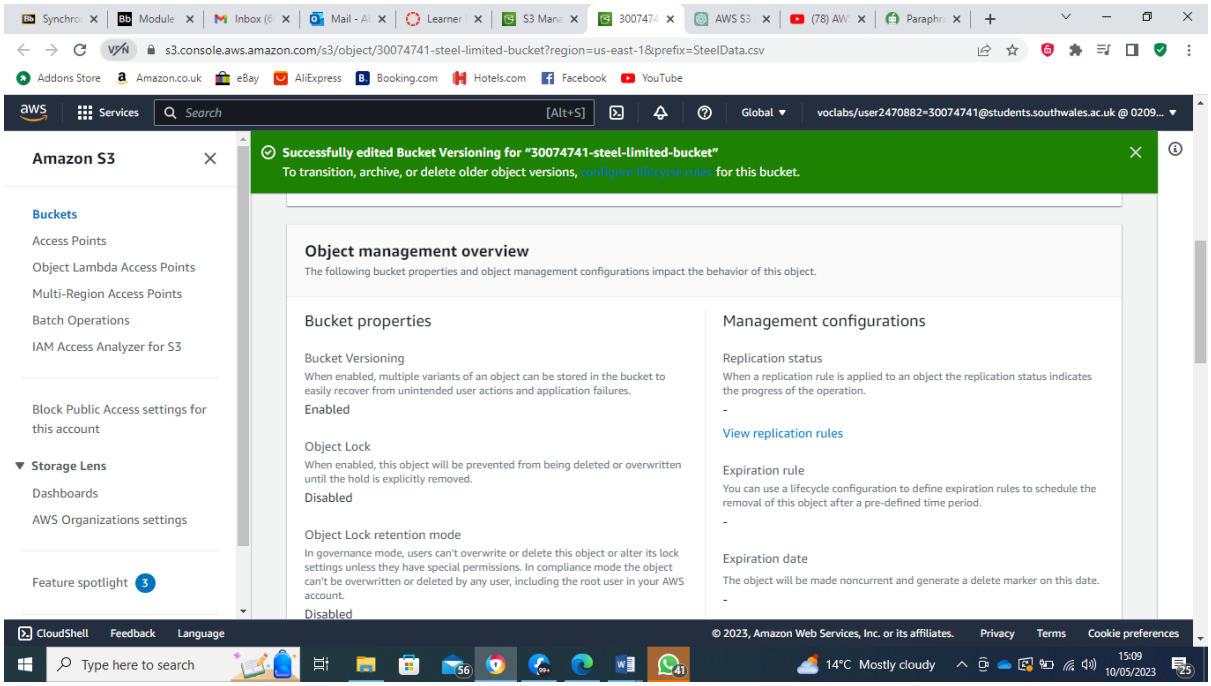


6. You might want to set up extra security measures, like access controls or encryption, once your data (SteelData) is in the S3 bucket. By configuring the pertinent bucket settings, you can achieve this.





7. Enable Bucket versioning: Multiple variants of an object can be stored in the bucket to easily recover from unintended user actions and application failures.



8. Check your data transfer by gaining access to the S3 bucket's data. To do this, first click on your bucket(30074741-steel-limited-bucket), then select the appropriate file or folder (SteelData.cvs).