REPORT ON

MICROSOFT AZURE FUNDAMENTALS

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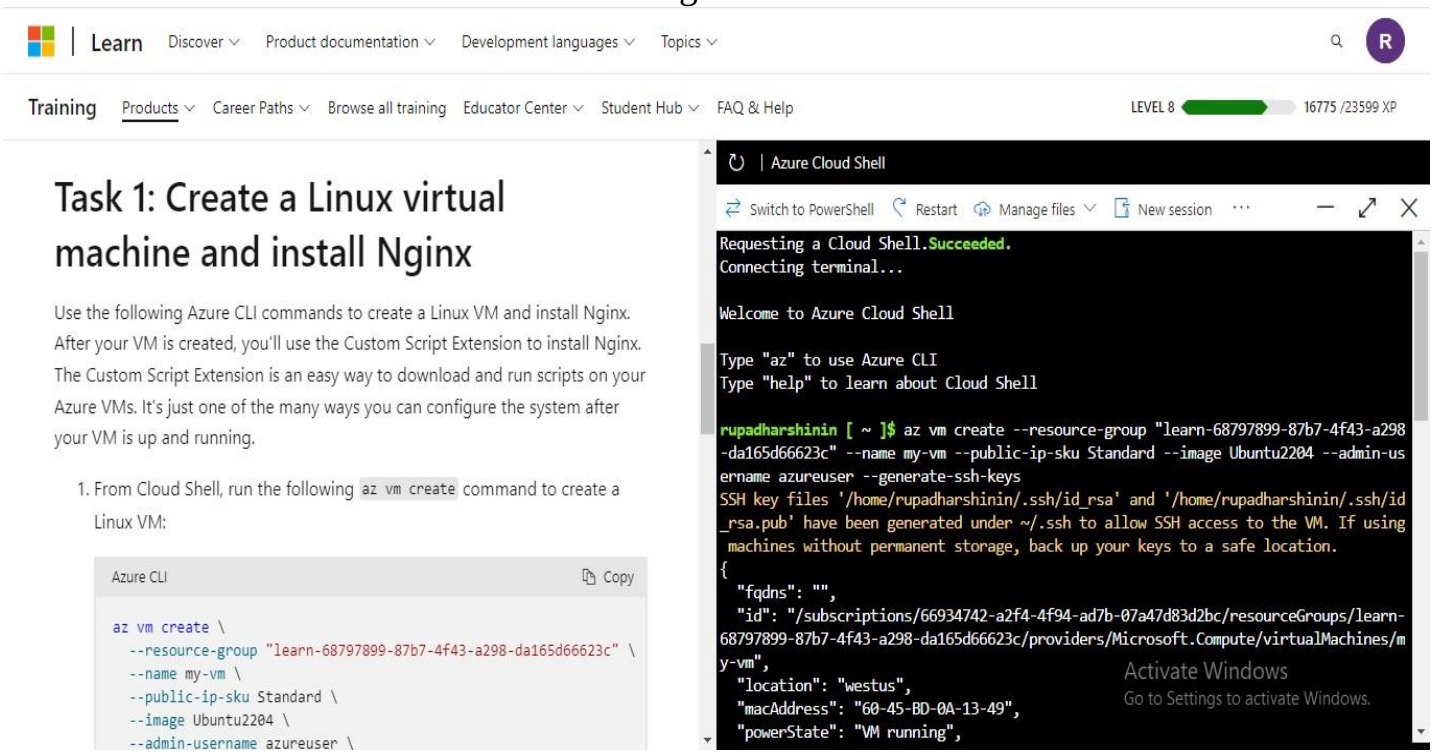
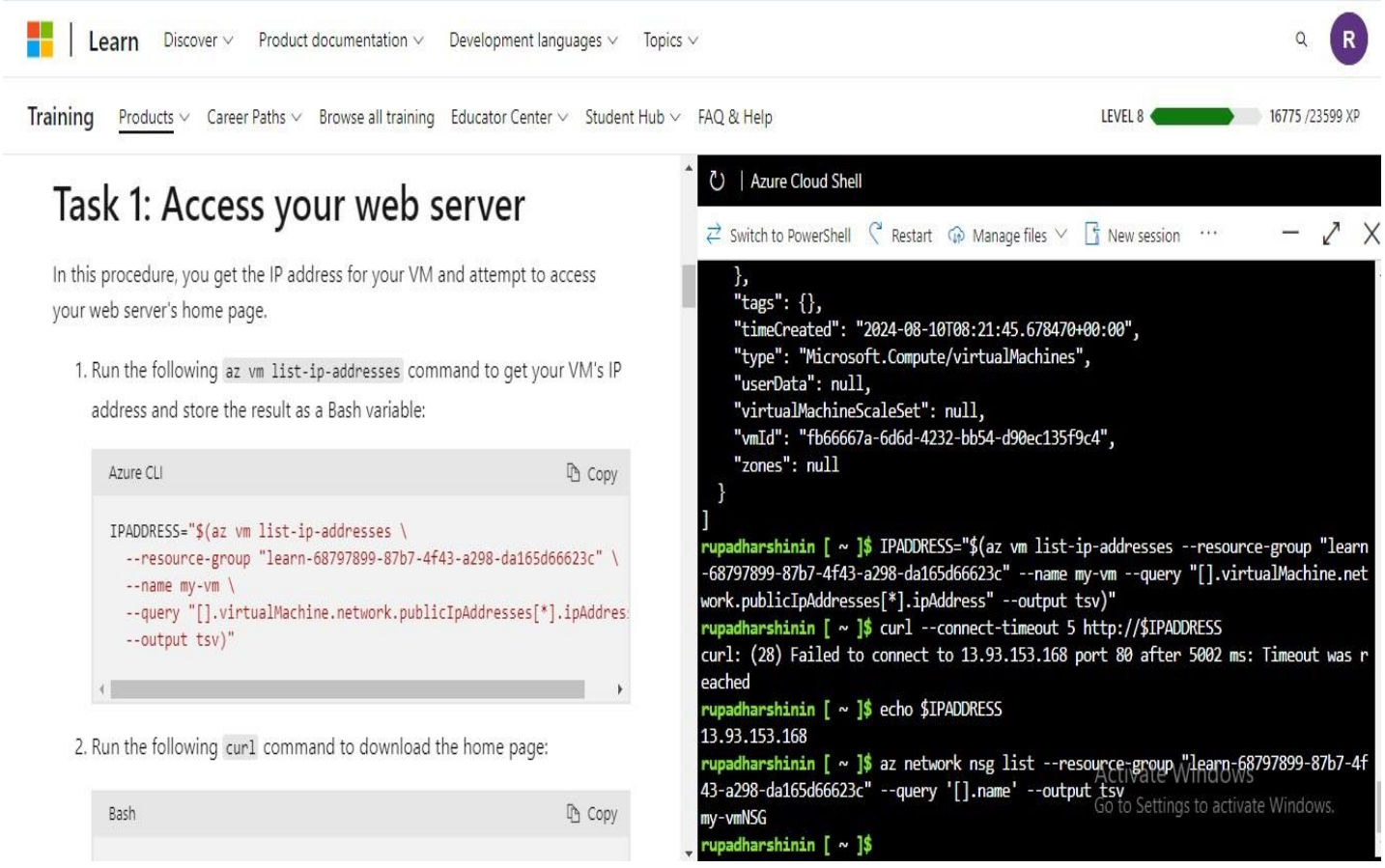
Department	III B.E CSE
Date	10.08.2024

1) Sandbox:

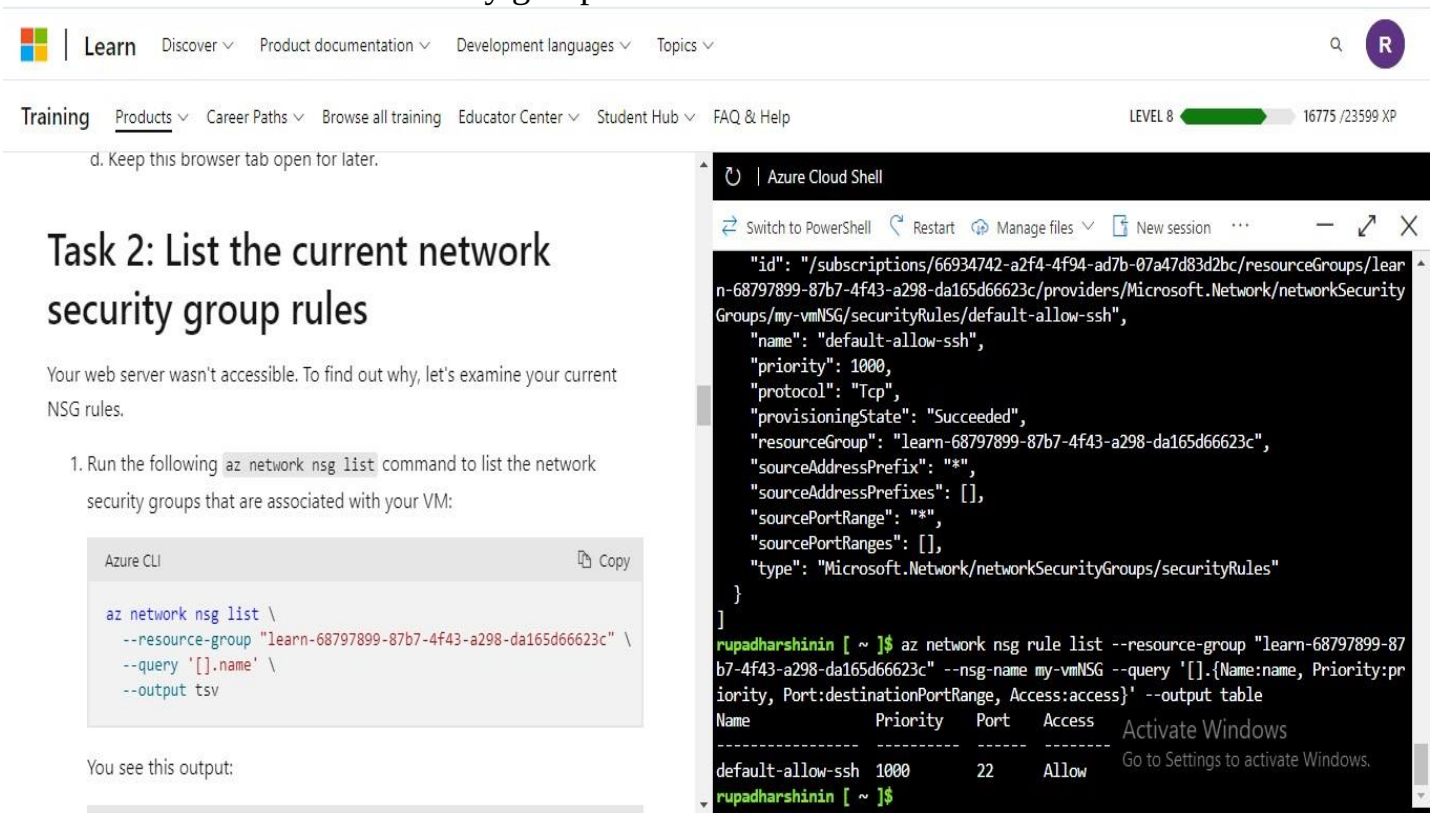
Create a Linux virtual machine and install Nginx



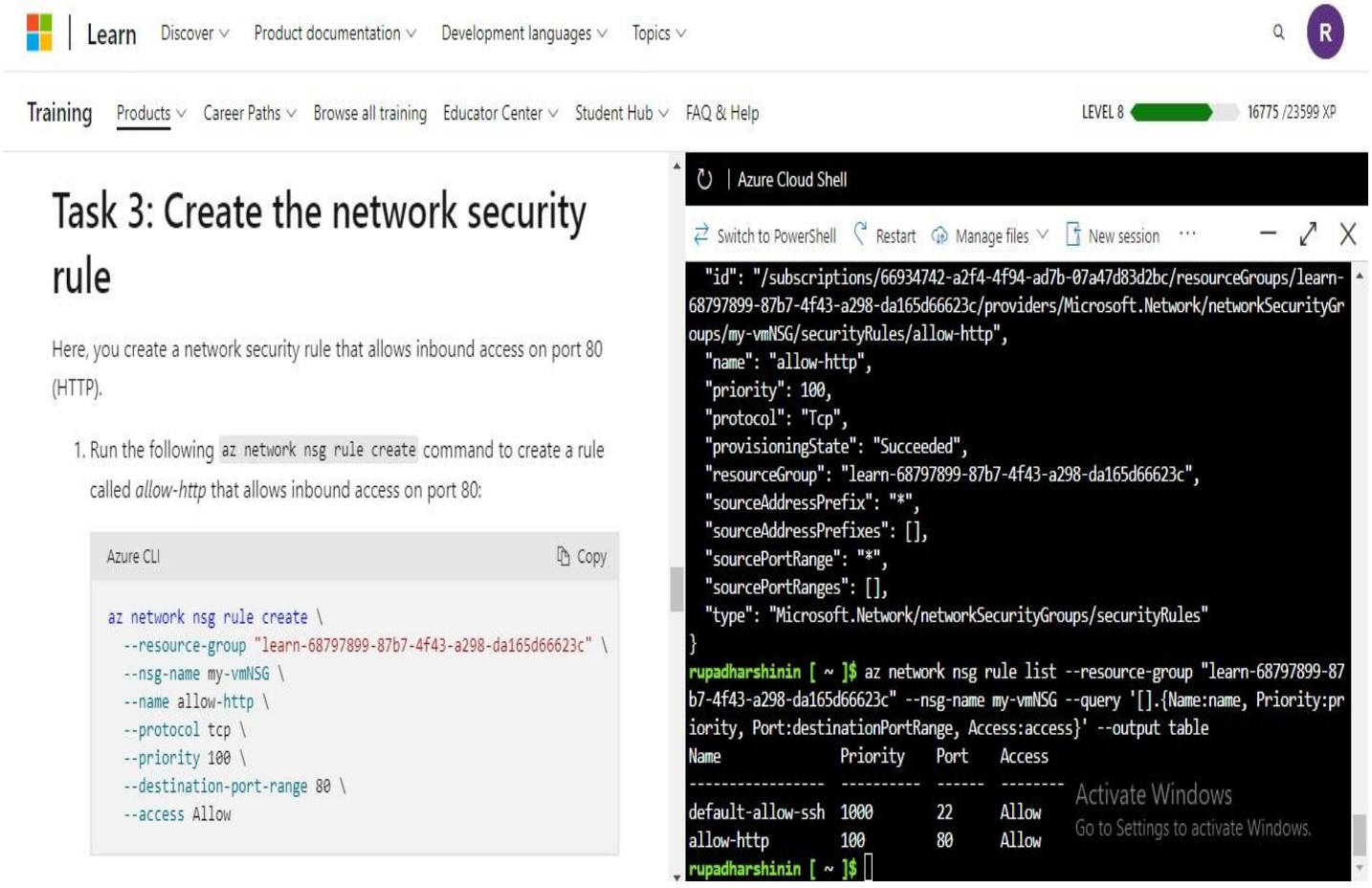
Access your web server



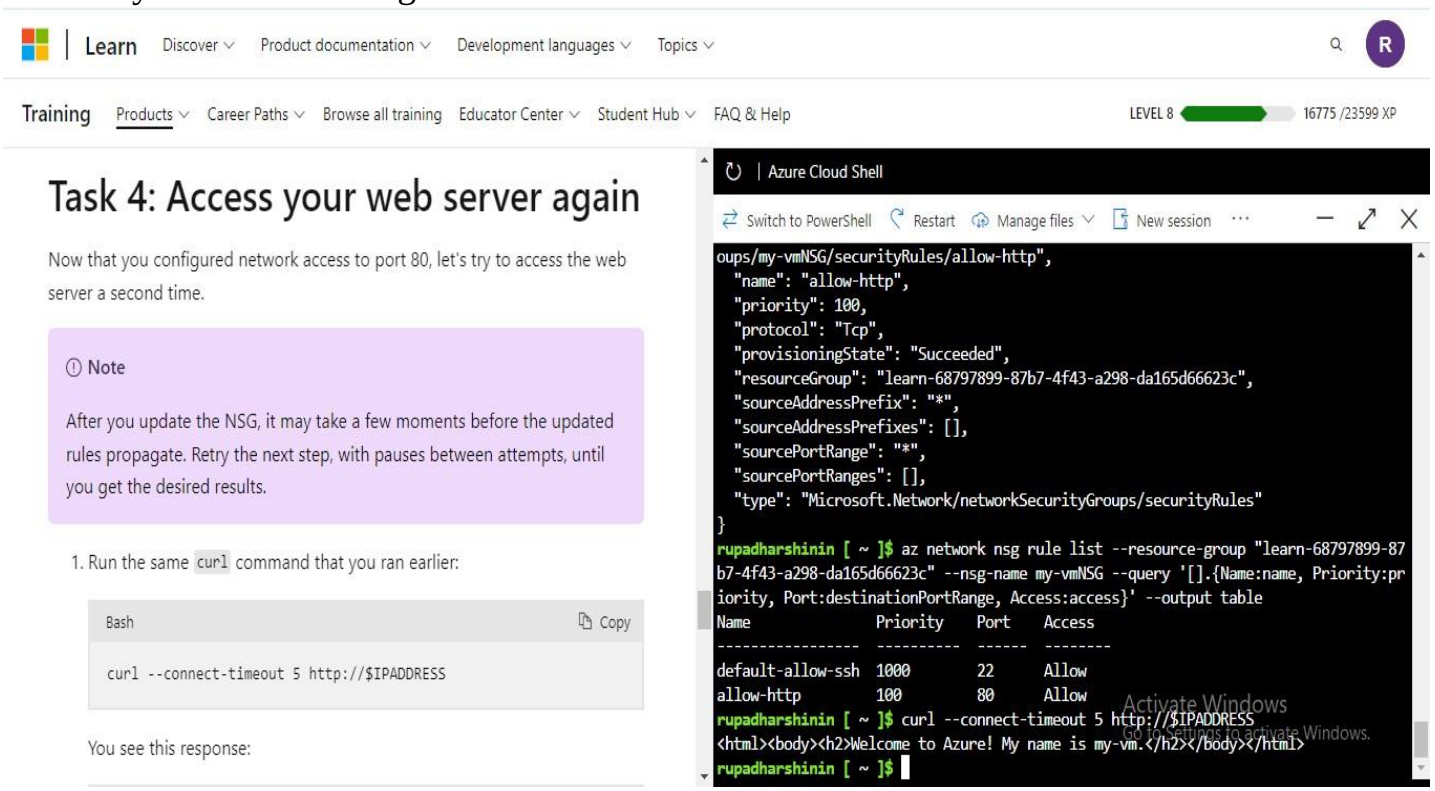
List the current network security group rules



Create the network security rule

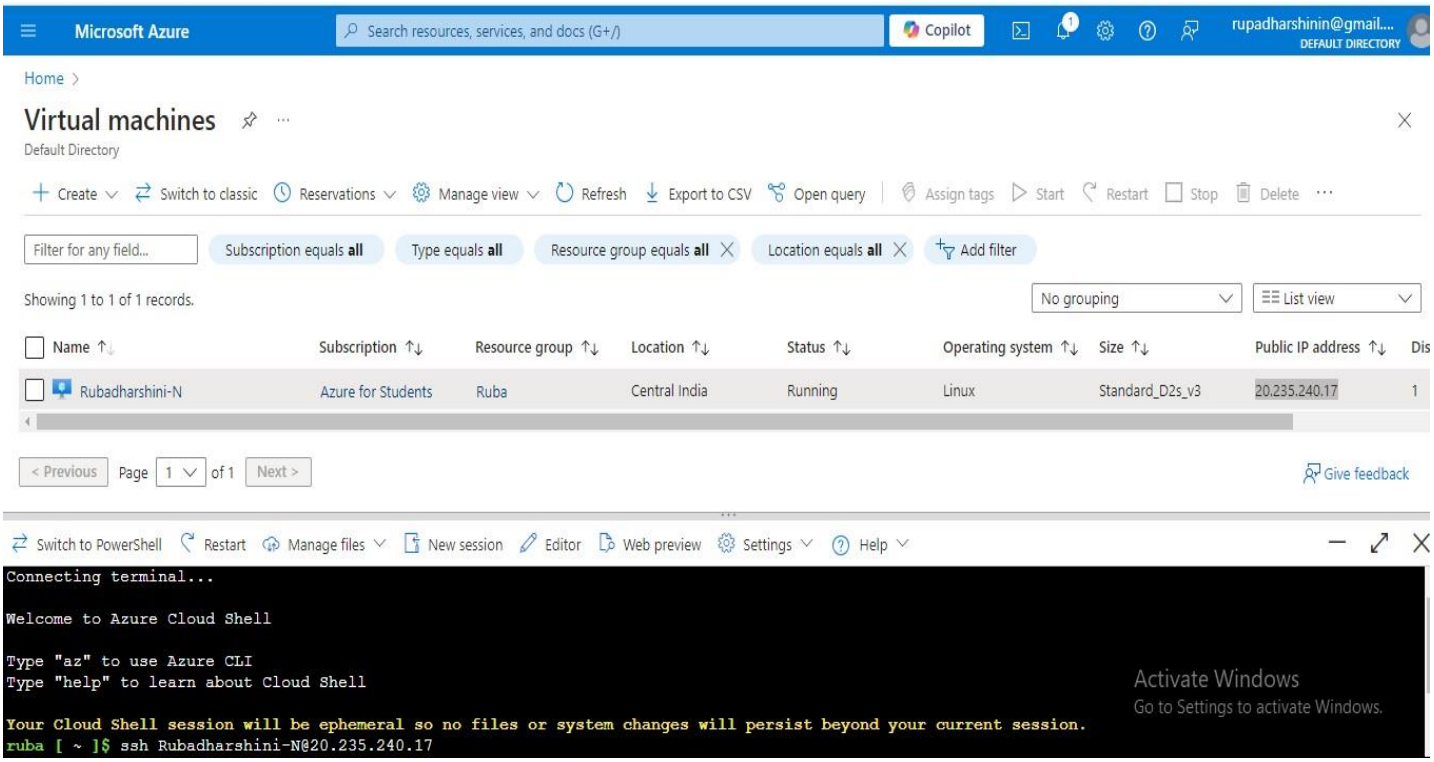


Access your web server again

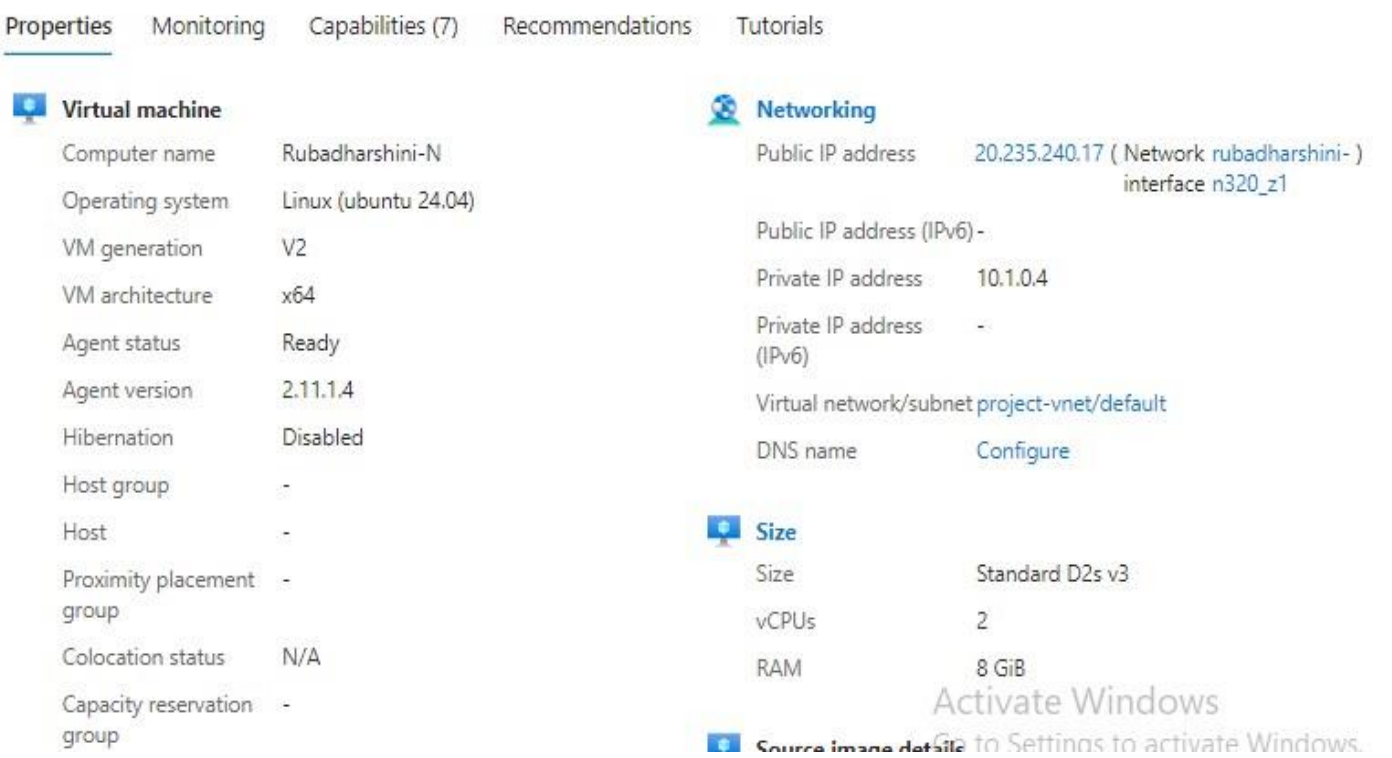


Final Output :

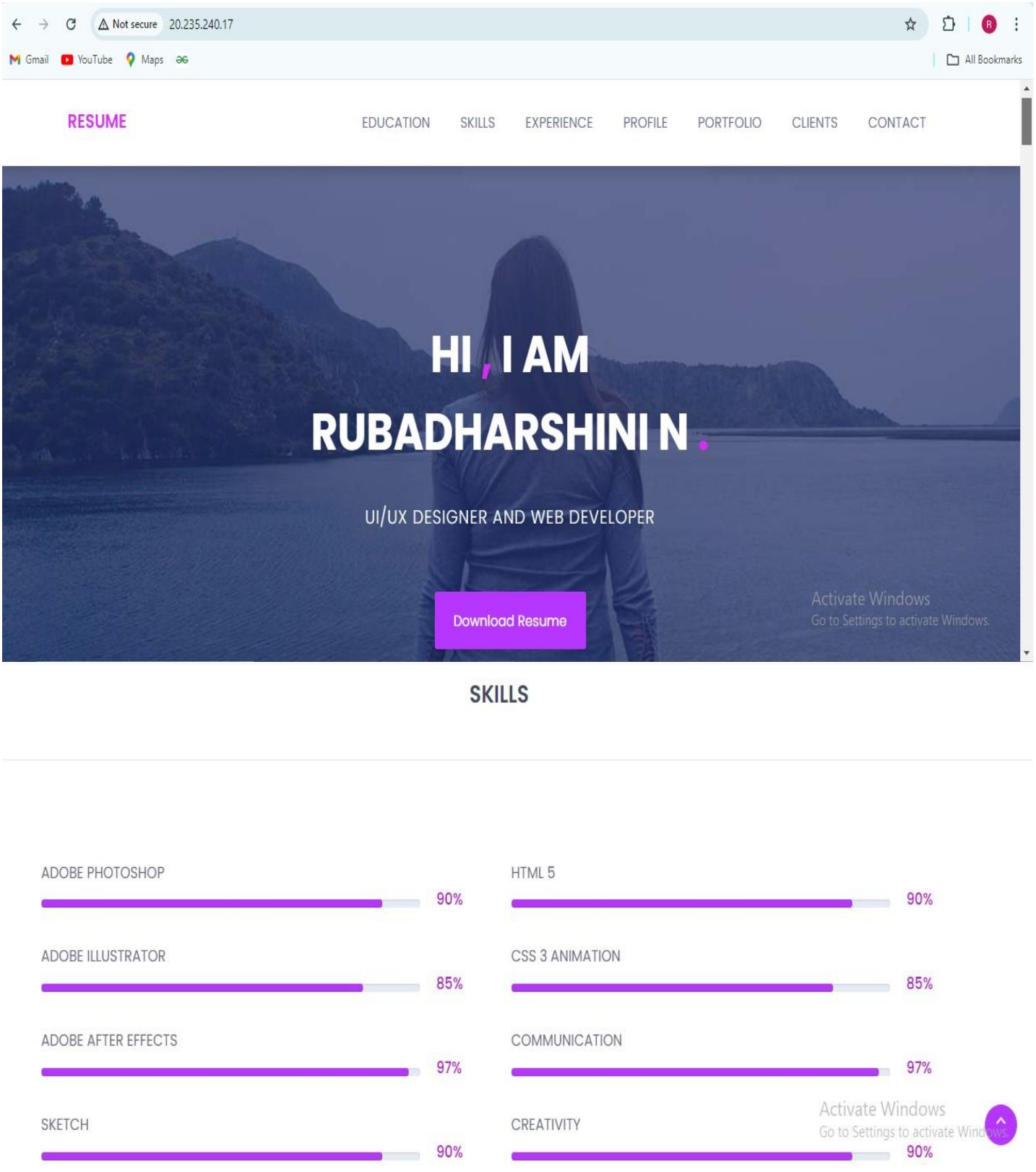
2)Creation of Virtual Machine



Properties of Virtual Machine

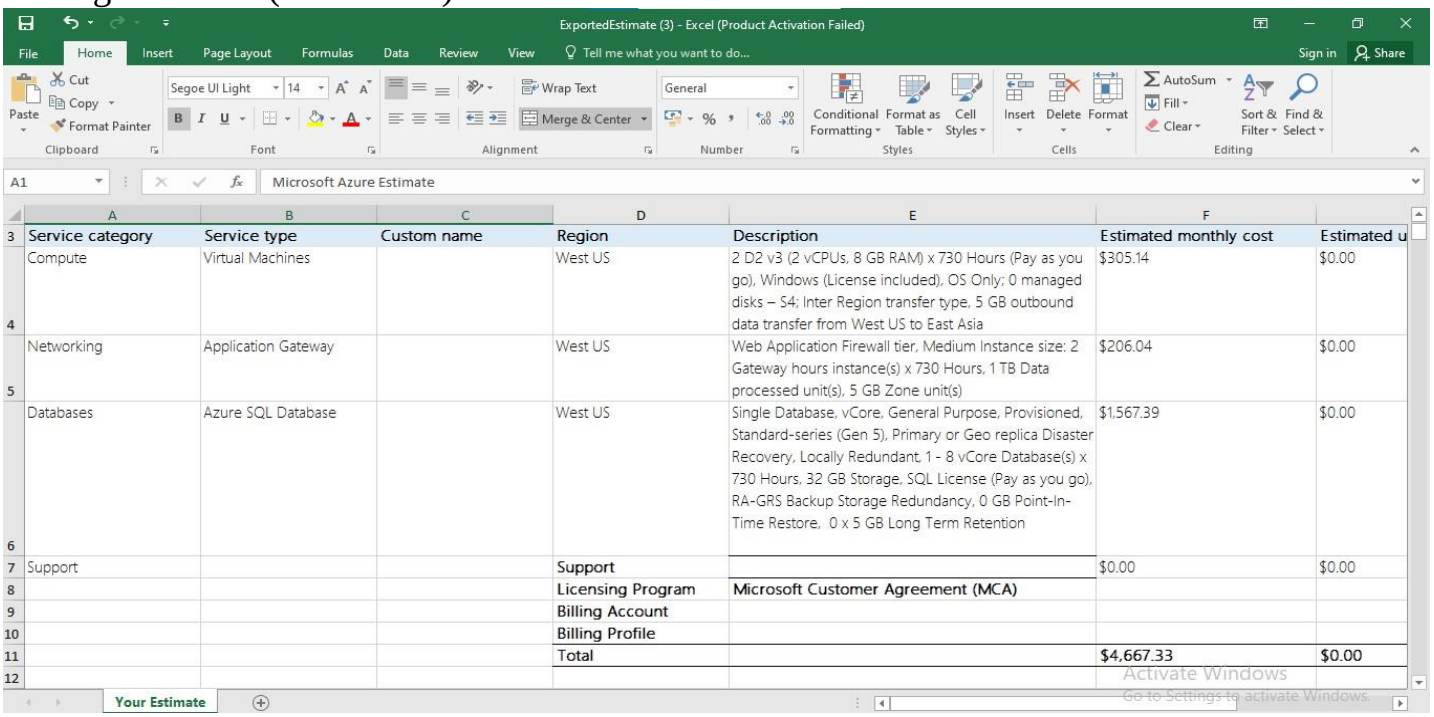


Hosting my portfolio using Azure Cloud Services



3)Cost Management In Azure

Pricing calculator(Estimation) :



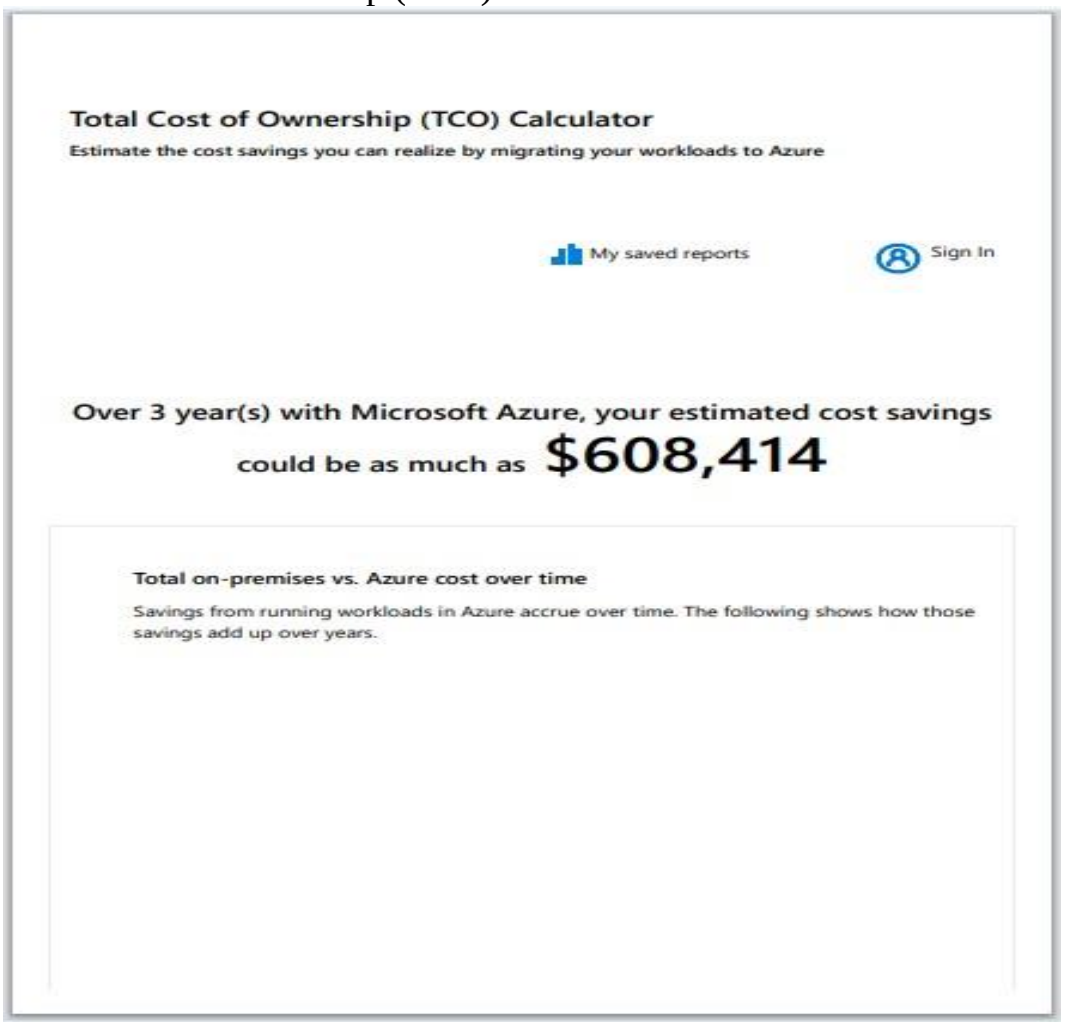
ExportedEstimate (3) - Excel (Product Activation Failed)

Microsoft Azure Estimate

Service category	Service type	Custom name	Region	Description	Estimated monthly cost	Estimated u
Compute	Virtual Machines		West US	2 D2 v3 (2 vCPUs, 8 GB RAM) x 730 Hours (Pay as you go), Windows (License included), OS Only; 0 managed disks – S4; Inter Region transfer type, 5 GB outbound data transfer from West US to East Asia	$305.14	$0.00
Networking	Application Gateway		West US	Web Application Firewall tier, Medium Instance size: 2 Gateway hours instance(s) x 730 Hours, 1 TB Data processed unit(s), 5 GB Zone unit(s)	$206.04	$0.00
Databases	Azure SQL Database		West US	Single Database, vCore, General Purpose, Provisioned, Standard-series (Gen 5), Primary or Geo replica Disaster Recovery, Locally Redundant, 1 - 8 vCore Database(s) x 730 Hours, 32 GB Storage, SQL License (Pay as you go), RA-GRS Backup Storage Redundancy, 0 GB Point-In-Time Restore, 0 x 5 GB Long Term Retention	$1,567.39	$0.00
Support			Support		$0.00	$0.00
			Licensing Program	Microsoft Customer Agreement (MCA)		
			Billing Account			
			Billing Profile			
			Total		$4,667.33	$0.00

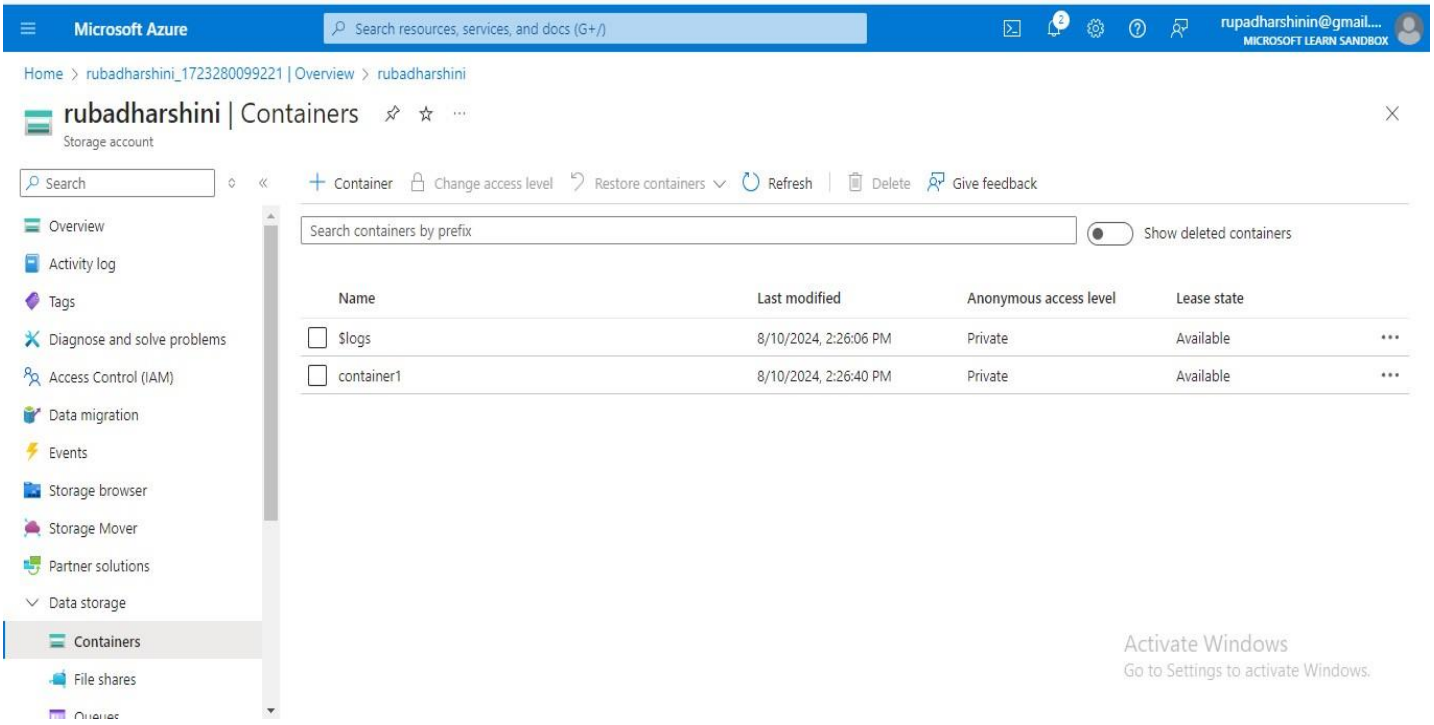
Your Estimate

Total Cost of Ownership (TCO) Calculator :

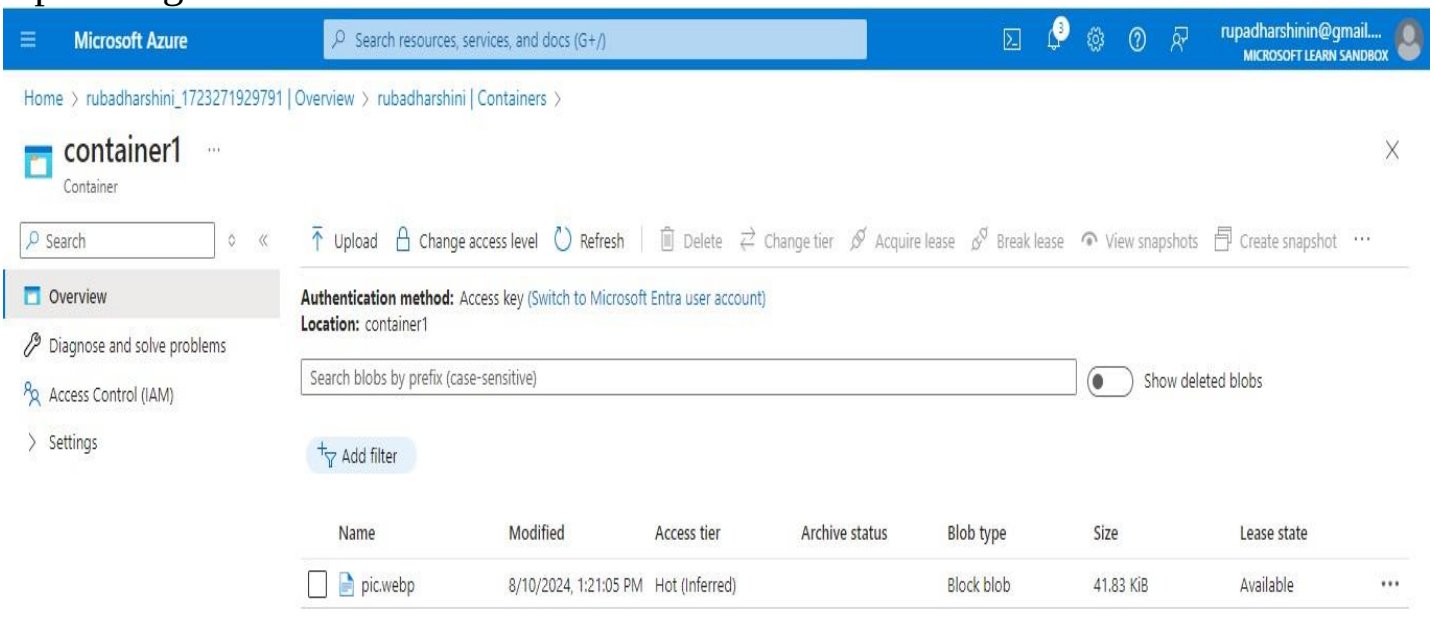


4)Azure Storage Services :

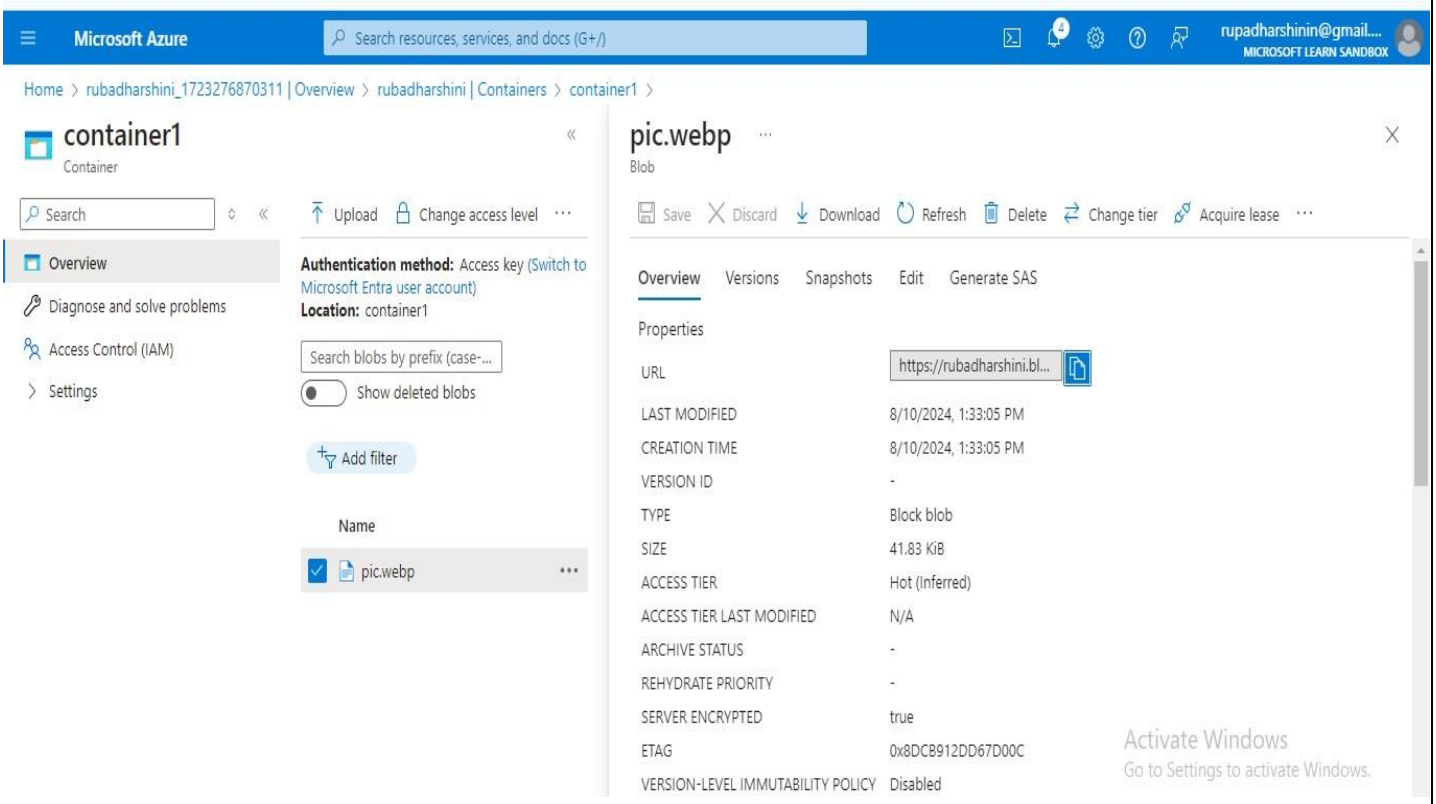
Creation of storage blob



Uploading a files



Properties of files



Final Output :