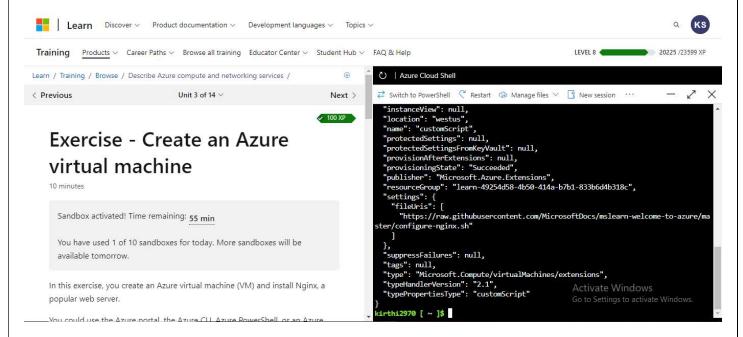
REPORT ON MICROSOFT AZURE FUNDAMENTALS

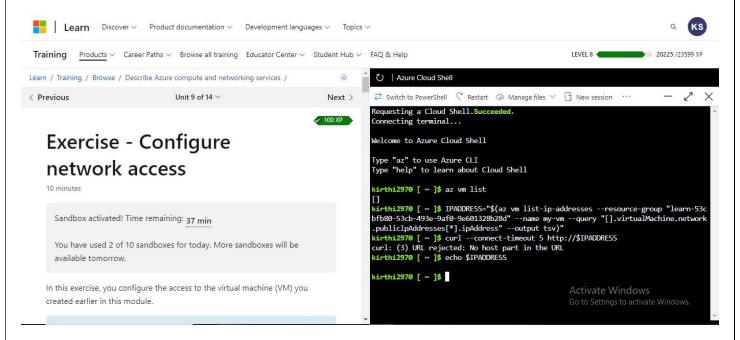
Name	Kirthivarshan S
Register No	710722243025
Department	III B.Tech AI&DS
Date	10.08.2024

1)Sandbox:

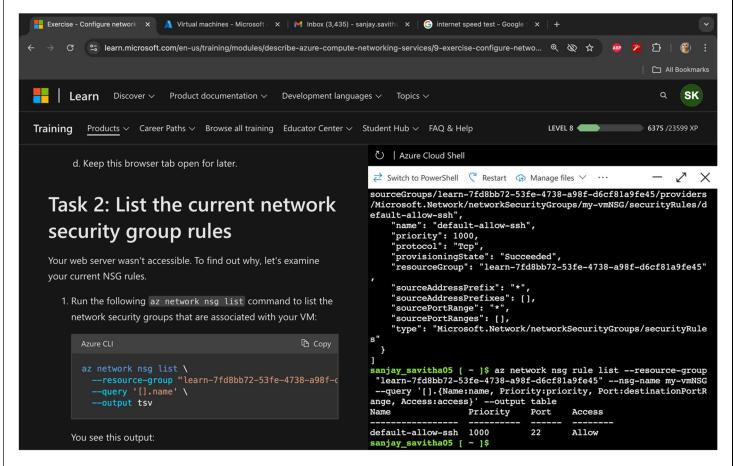
Create a Linux virtual machine and install Nginx



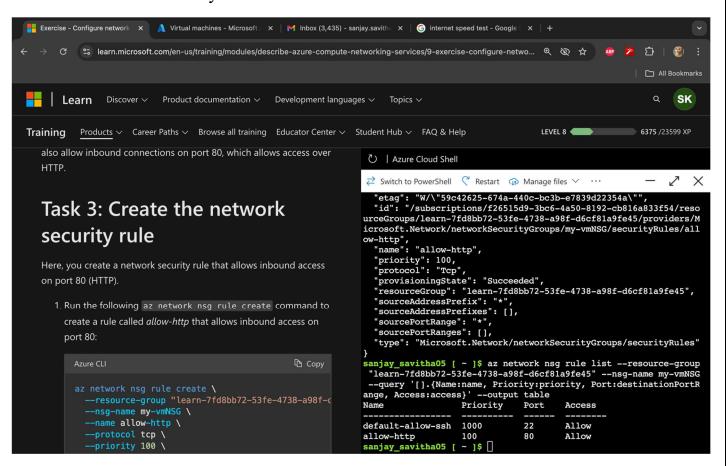
Access your web server



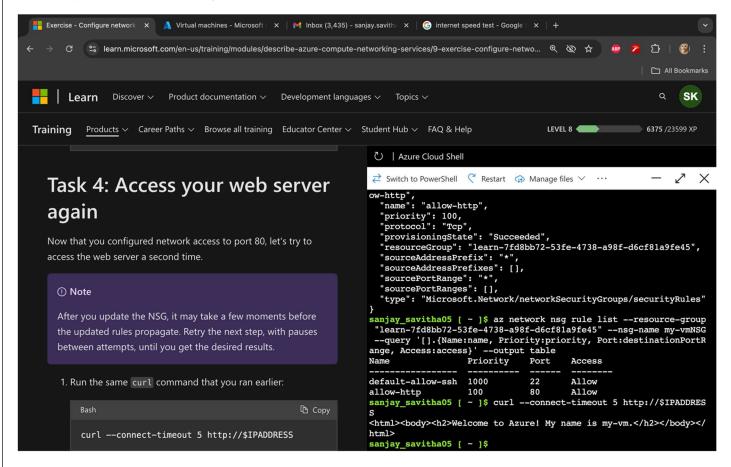
List the current network security group rules



Create the network security rule



Access your web server again



Final output:



Welcome to Azure! My name is my-vm.

2) Azure Academic Services: Azure for Students

Microsoft Academic Verfication Process



Take advantage of your academic status

For academic status verification 'school' is defined to include 'schools, universities, colleges, technical/STEM schools, and other academic schools' throughout the verification process.

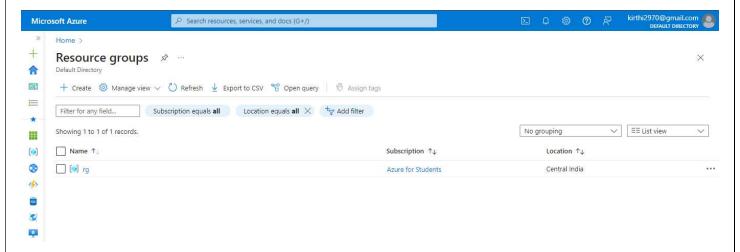


Congratulations!

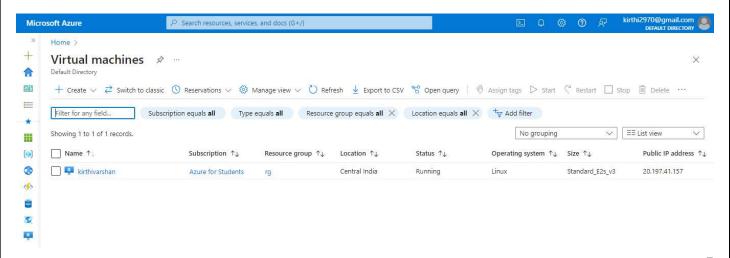
Your academic status has been successfully verified.

Continue

Creation of resource groups



Creation of Virtual Machine



Hosting my portfolio using Azure Cloud Services



Pricing calculator

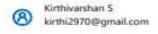
Microsoft Azure	Estimate					
Your Estimate						
Service category	Service type	Custom name	Region	Description	Estimated monthly cost	Estimated upfront cost
Compute	Virtual Machines		West US	2 D2 v3 (2 vCPUs, 8 GB RAM) x 730 Hours (Pay as you go), Windows (License included), OS Only; 0 managed disks – S4; Inter Region transfer type, 5 GB outbound data transfer from West US to East Asia	₹25,552.04	₹0.00
Databases	Azure SQL Database		West US	Single Database, v.Core, General Purpose, Provisioned, Standard-series (Gen 5), Primary or Geo replica Disaster Recovery, Locally Redundant, 1 - 8 v.Core 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	₹1,31,250.94	₹0.00
Networking	Application Gateway		East 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)	₹15,404.58	₹0.00
Support			Support		₹0.00	₹0.00
			Licensing Program	Microsoft Customer Agreement (MCA)		
			Billing Account			
			Billing Profile			
			Total		₹1,72,207.57	₹0.00
Disclaimer						

Total Cost of Ownership (TCO) Calculator

Total Cost of Ownership (TCO) Calculator

Estimate the cost savings you can realize by migrating your workloads to Azure





Over 3 year(s) with Microsoft Azure, your estimated cost savings could be as much as ₹17,61,69,499

