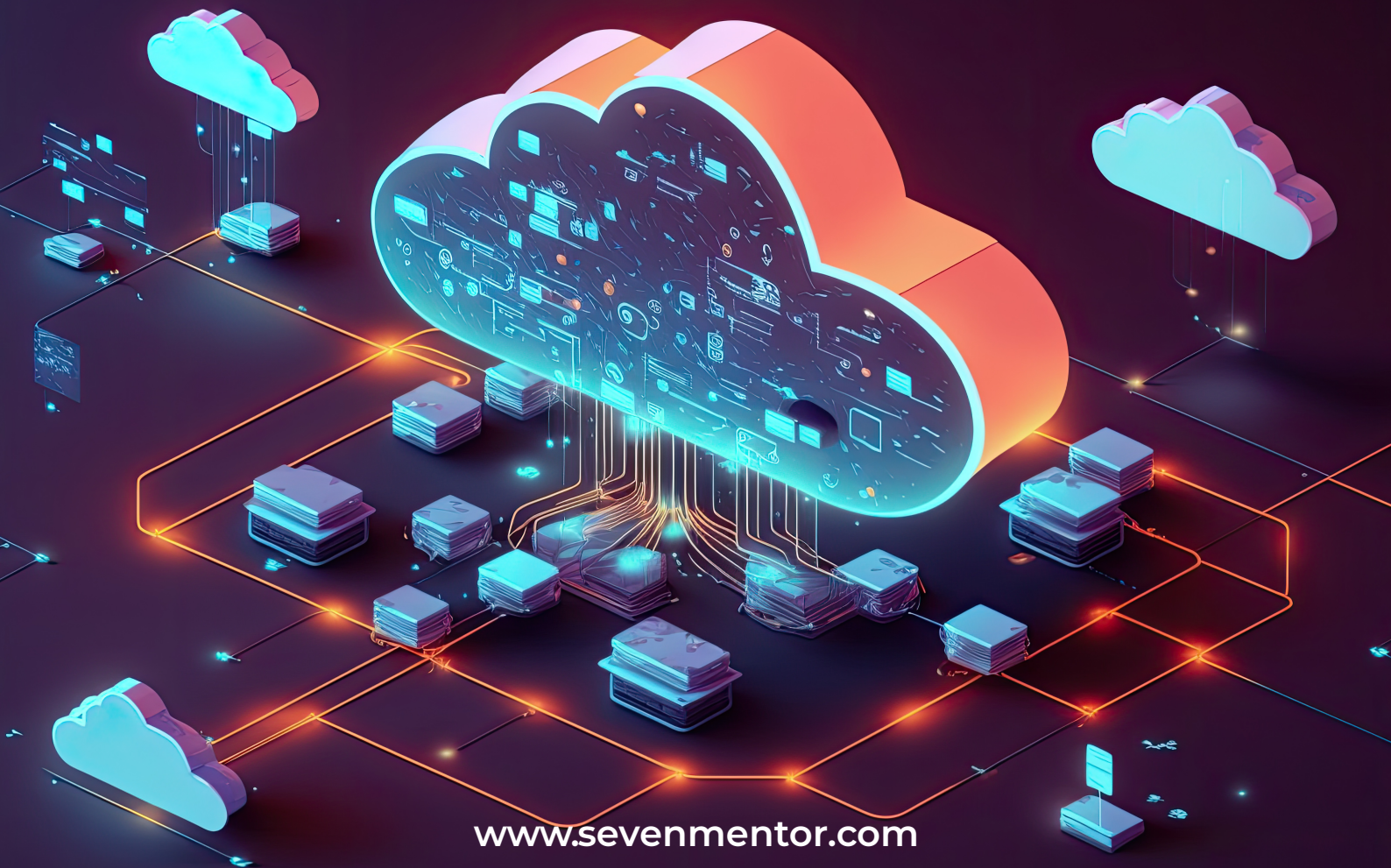




**Unlock the Power of  
Cloud Computing &quot;**

**AZURE**

**Your Path to Mastery Begins Here!**



[www.sevenmentor.com](http://www.sevenmentor.com)

# AZURE

## Course Mission

Our mission is to empower aspiring Azure administrators with comprehensive knowledge and hands-on skills required to effectively manage and optimize cloud infrastructure using Microsoft Azure services. Through expert-led training and practical exercises, we aim to equip participants with the expertise needed to excel in administering Azure environments confidently.



# AZURE STATISTICS:

- Duration: 12 weeks (part-time)
  - Instructor-led sessions: 36 hours
  - Hands-on labs and projects: 24 hours
  - Certification preparation: Azure Administrator Associate (AZ-104)
  - Prerequisites: Basic understanding of cloud computing concepts
-

# Journey to Become an **AZURE ENGINEER**



Embark on a transformative journey to become a proficient Azure engineer through our meticulously crafted training program. Starting from foundational concepts, you & #39;ll progress through advanced topics, mastering skills in deploying, managing, and securing Azure resources. With hands-on experience and expert guidance, you & #39;ll be well-prepared to navigate the complexities of cloud administration and contribute effectively to enterprise-level Azure environments.

# Roles after Training Course:

Upon completing the Azure Admin Training, you'll be qualified for roles such as:



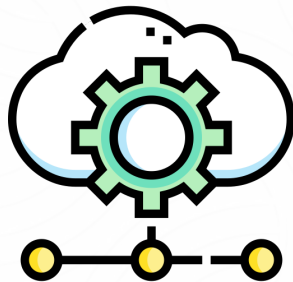
Azure Administrator



Cloud Infrastructure Engineer



Systems Administrator (Azure)



Cloud Operations Specialist



Azure Solutions Architect (with further experience and certification)

## How to Start a Career in Azure:

1. **Educate Yourself:** Begin by familiarizing yourself with fundamental cloud computing concepts and Microsoft Azure services through online tutorials, courses, and documentation.
2. **Gain Hands-on Experience:** Practice deploying and managing Azure resources by creating your own projects or participating in hands-on labs and workshops.
3. **Get Certified:** Pursue Azure certifications such as the Azure Administrator Associate (AZ-104) to validate your skills and enhance your credibility in the job market.



4. **Networking:** Engage with the Azure community through forums, meetups, and social media platforms to expand your network and stay updated on industry trends.
5. **Apply for Entry-Level Positions:** Start applying for entry-level positions like Junior Azure Administrator or Cloud Support Engineer to gain practical experience and further develop your skills.
6. **Continuous Learning:** Stay curious and keep learning about new Azure features, best practices, and emerging technologies to stay ahead in your Azure career journey.

# 1. Manage Azure Identities and Governance

## Manage Microsoft 365 Users and Groups

- Create users and groups
- Manage user and group properties
- Manage licenses in Microsoft 365
- Manage external users
- Configure self-service password reset (SSPR)

## Manage Access to Azure Resources

- Manage built-in Azure roles
- Assign roles at different scopes
- Interpret access assignments

## Manage Azure Subscriptions and Governance

- Implement and manage Azure Policy
- Configure resource locks
- Apply and manage tags on resources
- Manage resource groups
- Manage subscriptions
- Manage costs by using alerts, budgets, and Azure Advisor recommendations
- Configure management groups

# 2. Implement and Manage Storage

## Configure Access to Storage

- Configure Azure Storage firewalls and virtual networks
- Create and use shared access signature (SAS) tokens
- Configure stored access policies
- Manage access keys
- Configure identity-based access for Azure Files

## Configure and Manage Storage Accounts

- Create and configure storage accounts
- Configure Azure Storage redundancy
- Configure object replication
- Configure storage account encryption
- Manage data by using Azure Storage Explorer and AzCopy

## Configure Azure Files and Azure Blob Storage

- Create and configure a file share in Azure Storage
- Create and configure a container in Blob Storage
- Configure storage tiers
- Configure snapshots and soft delete for Azure Files
- Configure blob lifecycle management
- Configure blob versioning

### 3. Deploy and Manage Azure Compute Resources

#### Automate Deployment of Resources

- Interpret and modify Azure Resource Manager templates or Bicep files
- Deploy resources using templates or Bicep files
- Export a deployment as a template or convert a template to a Bicep file

#### Create and Configure Virtual Machines

- Create a virtual machine
- Configure Azure Disk Encryption
- Move a virtual machine
- Manage virtual machine sizes and disks
- Deploy virtual machines to availability zones and sets
- Deploy and configure Azure Virtual Machine Scale Sets

#### Provision and Manage Containers

- Create and manage an Azure container registry
- Provision containers using Azure Container Instances and Azure Container Apps
- Manage sizing and scaling for containers
- Create and Configure Azure App Service
- Provision an App Service plan
- Configure scaling, certificates, TLS, and backup for an App Service

- Configure networking settings, deployment slots, and custom DNS

### 4. Implement and Manage Virtual Networking

#### Configure and Manage Virtual Networks in Azure

- Create and configure virtual networks and subnets
- Create and configure virtual network peering
- Configure public IP addresses
- Configure user-defined network routes
- Troubleshoot network connectivity

#### Configure Secure Access to Virtual Networks

- Create and configure network security groups (NSGs) and application security groups
- Evaluate effective security rules in NSGs
- Implement Azure Bastion
- Configure service endpoints for Azure PaaS
- Configure private endpoints for Azure PaaS

#### Configure Name Resolution and Load Balancing

- Configure Azure DNS
- Configure an internal or public load balancer
- Troubleshoot load balancing



## 5. Monitor and Maintain Azure Resources

### Monitor Resources in Azure

- Interpret metrics in Azure Monitor
- Configure log settings in Azure Monitor
- Query and analyze logs in Azure Monitor
- Set up alert rules, action groups, and alert processing rules in Azure Monitor
- Configure and interpret monitoring of virtual machines, storage accounts, and networks using Azure Monitor Insights
- Use Azure Network Watcher and Connection Monitor

### Implement Backup and Recovery

- Create a Recovery Services vault
- Create an Azure Backup vault
- Create and configure a backup policy
- Perform backup and restore operations using Azure Backup
- Configure Azure Site Recovery for Azure resources
- Perform a failover to a secondary region using Site Recovery
- Configure and Interpret Reports and Alerts for Backups

# Your Success Is Our Priority:

Every student at **SevenMentor** gets personalized guidance, Mentorship, and ample opportunities to address individual questions and concerns. All our sessions are designed to be engaging, interactive, and tailored to your learning pace, ensuring you grasp each concept with clarity.

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## Atul J. Kamble

Cloud Computing, DevOps Trainer

(SevenMentor & Training Pvt. Ltd.)

Atul J. Kamble is currently working as a Cloud Computing, DevOps Trainer at Sevenmentor, Pune. Atul has been training for AWS, Azure, DevOps, Linux since 2016. Atul has working experience with MIT-World Peace University & Packt Publications, UK. He is AWS, Azure Certified in Cloud Computing. He received Master of Technology (M. Tech.) in Information Technology from Walchand College of Engineering, Sangli, India in 2018 and Bachelor of Engineering (B. E.) in Computer Engineering from Government College of Engineering and Research, Pune, India in 2016. His area of interests are Cloud Computing, Big Data, DevOps, Open-Source Technologies, Cloud Infrastructure Solutions & Security.

# THINGS THAT SET US APART FROM THE REST:

SevenMentor prepares you well so that you can embark on a rewarding career in **Azure** through our training.



**Hands-On Projects:** Gain practical experience by working on real-world projects, building a robust portfolio that will impress potential employers.



**Flexibility:** Our flexible schedule options allow you to learn at your own pace, making it perfect for both beginners and experienced developers looking to upskill.

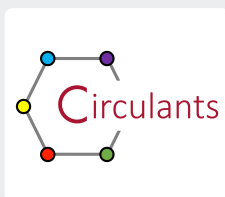


**Career Support:** We're dedicated to your success! Benefit from career guidance, resume building, interview prep, and job placement



**Community:** Join a vibrant community of like-minded learners, where you can collaborate, share ideas, and network with peers.

## Our Students are at reputed Tech Companies

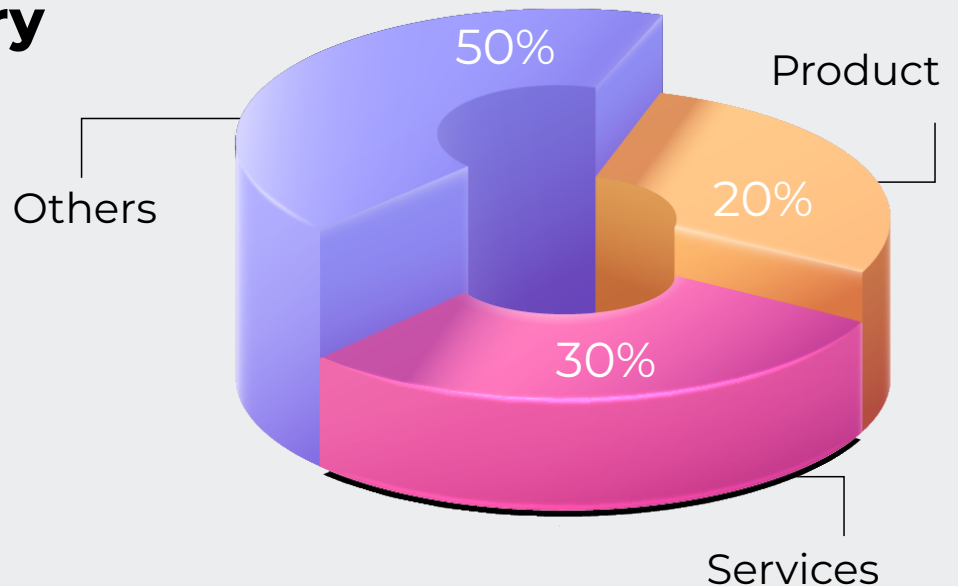




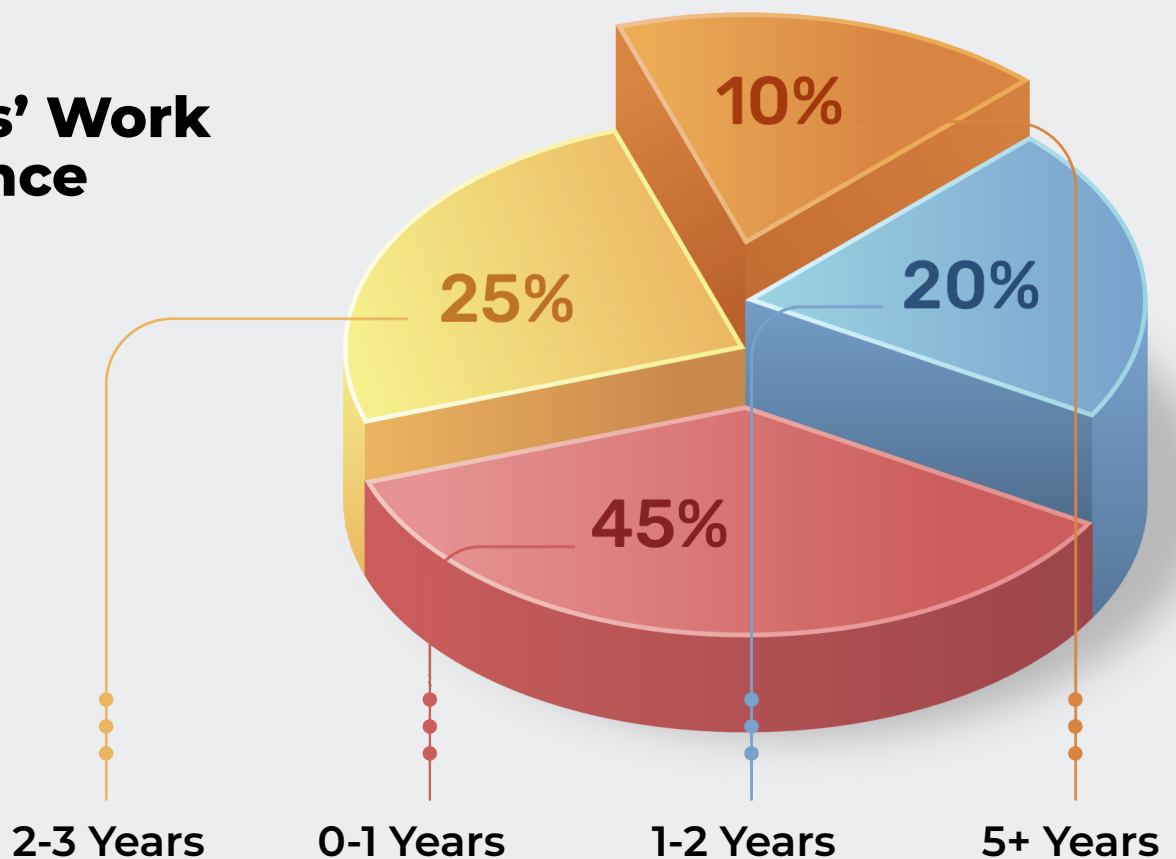
# Success is around the corner!

Consider the potential earnings and opportunities that a career in Azure can offer. With Azure you'll be well-positioned to secure a job that provides you with a stable and potentially prosperous future.

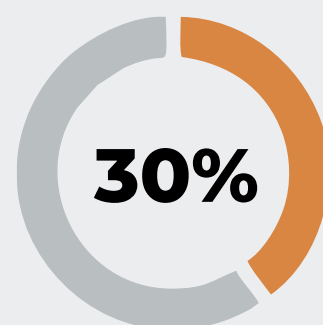
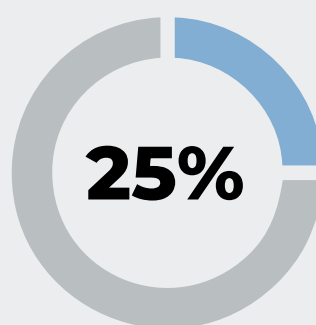
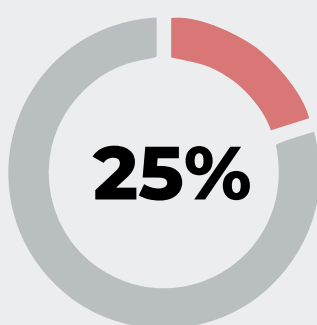
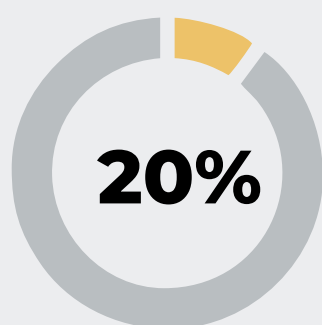
## Learners' Industry Background



## Learners' Work Experience



# Learners' Expertise



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## Begin Your Journey Towards Better Future:

The global Azure vacancies will grow by 55% and generate 4 million new jobs by 2030.

The global vacancies for Azure will grow by 55% and generate 4 million new jobs by 2030.

# Affordable Training without Compromise:

We understand that pursuing your dreams in Azure shouldn't be a financial burden. That's why we've made affordability a cornerstone of our Azure. We believe that quality education should be accessible to everyone, and we've structured our program to reflect this commitment. Our Azure takes you on an exciting journey but at a substantially low price.

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## How to become a great Azure ?

- Enroll at **SevenMentor Institute**
- Get hands-on training from **experienced teachers**
- Receive Industry-recognized **Azure Certification**
- Work for leading **MNCs** through our **on-campus interviews**



# Success is Just a Call Away!

So if you are ready to code your way to success?  
Enroll now at SevenMentor and unlock your potential  
as a Azure. Our counsellors are a call away and they  
will be more than happy to talk with you. Anyday,  
Everyday, we are there for you!

**Request For Call Back**



**020 7117 3070**