# K21Academy
Learn Cloud from Experts

# Oracle Job Oriented Program

Become a Multi-Skilled Oracle Professional
and Land High Paying Jobs at Top Companies

**Partners**

ORACLE Gold Partner

Silver Microsoft Partner

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# About K21Academy

K21 Academy Founded by Mr. Atul Kumar, an experienced Multi-Cloud & DevOps expert, and author, we have partnered with industry leaders like Oracle (Training Partner) and Microsoft (Silver Partner).

We offer online courses on AWS, Azure, Oracle, Google, DevOps, and Kubernetes with top-notch study material.
Our study materials are comprehensive and up-to-date, covering everything you need to know about Cloud and DevOps technologies.

With over 12,000 individuals already benefiting from our training and securing higher-paying jobs, our community of over 150,000 social media followers trusts us to guide them in their careers.

Our team consists of highly skilled Azure/AWS/Google/Oracle Cloud Engineers, DevOps & Kubernetes Experts, Python & Data on Cloud Architects, and Apps DBAs/DBAs Architects who possess extensive knowledge and expertise in Cloud & DevOps technologies.

Curious to know more about us? Visit our website today www.k21academy.com

# Meet your Mentor

You will be mentored by Atul Kumar, the founder of K21 Academy, and his team of MultiCloud experts. Atul has over 20 years of experience in the IT industry.

He began his IT career in 2000 as an Oracle DBA/Apps DBA. The first few years were tough for him, with very little growth. However, in 2005, he transitioned to Oracle Security & IAM, and his career took off. He had a great run for the next 5-6 years, with a lot of growth and opportunity.
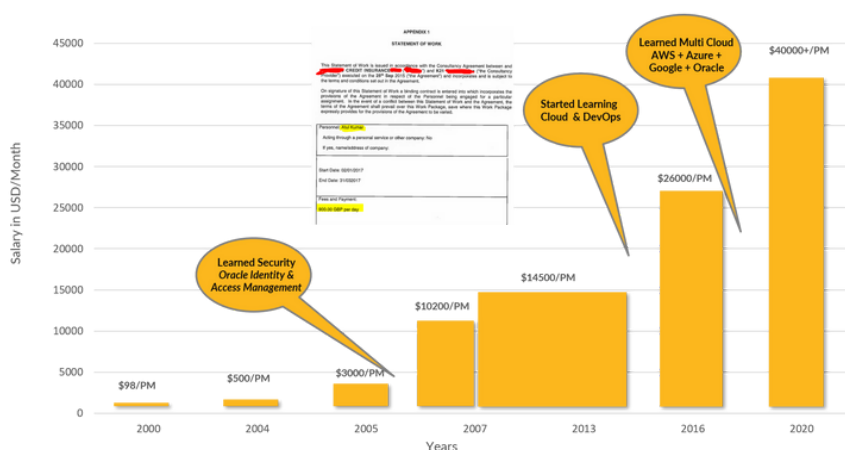
However, around 2012-13, he started to feel stuck. He wasn't learning anything new, wasn't growing, and wasn't being challenged. At that time, the Cloud was gaining popularity, and Containers (Docker) were emerging, offering many higher-paying job opportunities in those fields.

So, he decided to make a change in his career path and transitioned from working on On-premises (Security, Infrastructure & Databases) to focusing on Cloud & DevOps. Over the next 2 years, he learned about important Cloud platforms like AWS, Azure & Oracle, as well as DevOps. He kept up with the new Cloud-based tools & technologies such as Google Cloud, Docker, Kubernetes, Terraform, Ansible, CI/CD, Jenkins, etc.

Learning Cloud & DevOps gave him the opportunity to work with some of the world's biggest and most prestigious clients such as Toyota, Royal Bank of Scotland, Worldpay, Scottish Government, NHS (United Kingdom), Saudi Railways, datAvail, Tuscan Electric (USA), Oracle, and more.

## Atul's Mid-Career Crisis
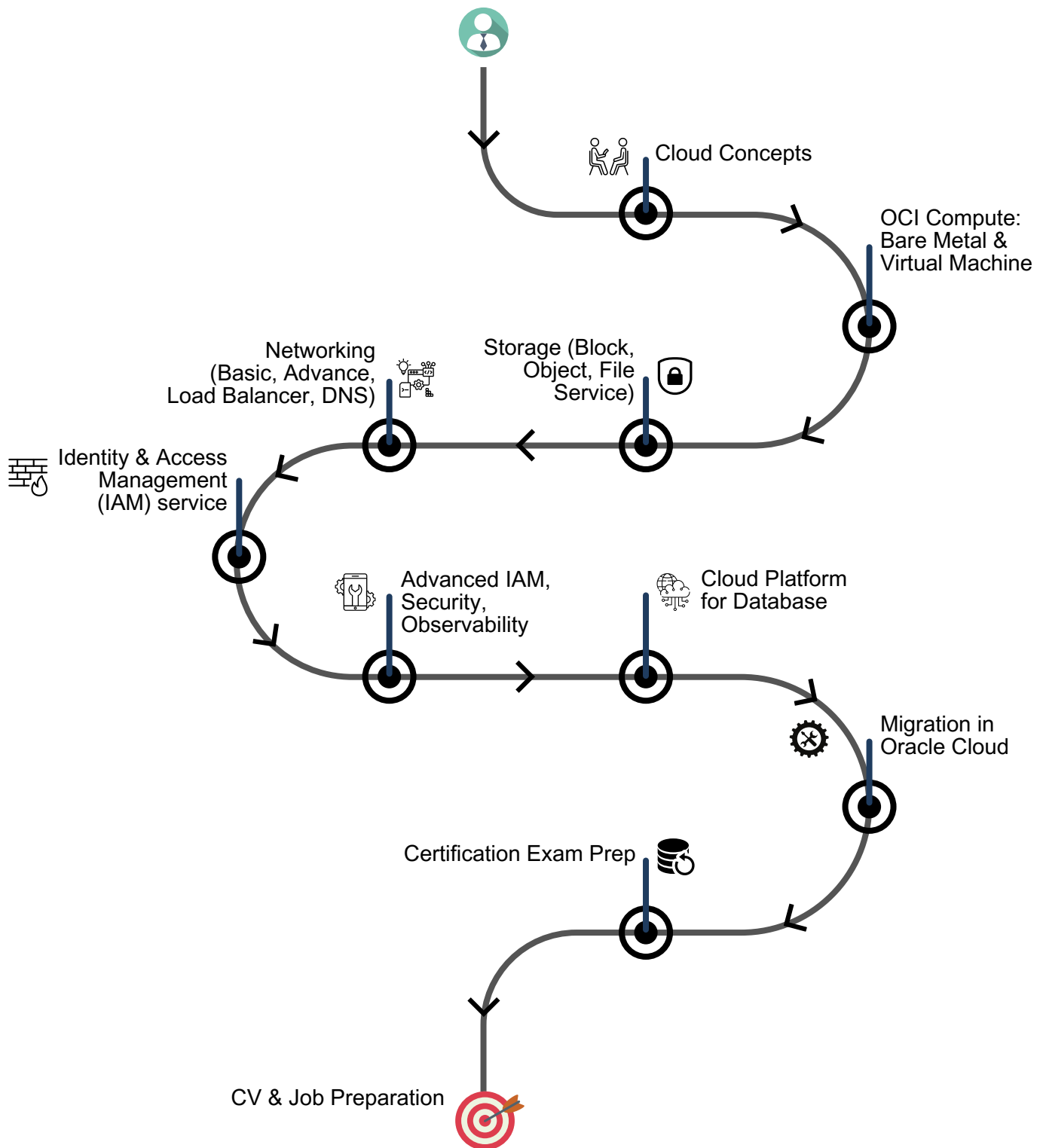
# About the Program

The Oracle Cloud (OCI/Database) Job Oriented Program offers individuals a comprehensive and specialized pathway to develop the skills and knowledge required for a successful career in cloud computing and database management. This program is designed to cater to the increasing demand for professionals who can effectively manage and optimize Oracle Cloud Infrastructure (OCI) and Oracle Databases.

Participants of this program can expect to gain hands-on experience in working with Oracle's cutting-edge cloud technologies, including OCI services such as compute, storage, networking, and security. They will also delve into the intricacies of Oracle Database administration, covering topics like database installation, configuration, performance tuning, and backup and recovery.

The program's curriculum is carefully crafted to align with industry trends and requirements, making graduates of this program highly sought-after candidates in the job market. Whether aiming for roles as cloud architects, database administrators, or system engineers, participants will be equipped with practical skills and theoretical knowledge to excel in their roles from day one.

# Course Curriculum

Cloud Concepts

OCI Compute:
Bare Metal &
Virtual Machine

Networking
(Basic, Advance,
Load Balancer, DNS)

Storage (Block,
Object, File
Service)

Identity & Access
Management
(IAM) service

Advanced IAM,
Security,
Observability

Cloud Platform
for Database

Migration in
Oracle Cloud

Certification Exam Prep

CV & Job Preparation

# Oracle Job Oriented Program Course Outline

MODULE

**1**

## Cloud Concepts

- OCI Certifications Road Map
- Cloud Overview and Concepts
- OCI Global Infrastructure: Region, Fault & Availability Domain
- Elasticity vs Scalability
- Cloud Service Models [IaaS, PaaS, SaaS, DBaaS, IPaaS]
- Cloud Deployment Models [Public, Private, Hybrid]
- OCI Console and Common Services Walkthrough

### Hands-on-Lab

- Register for Oracle Cloud & Access Other Oracle Cloud Service

**2**

## OCI Compute: Bare Metal & Virtual Machine

- Compute Module Agenda
- Compute Overview
- Compute Shapes
- Compute Instance Launch and Capacity
- Connect to Instance
- Compute LifeCycle
- Compute Custom Images
- Boot Volume Detach Attach Clone Backup Restore
- Instance Metadata and ConsoleConnection
- OS Management Service
- Overview of Container Engine for Kubernetes

### Hands-on-Lab

- Generate SSH Keys
- Create, Launch & Manage Compute Instances
- Create and Manage Oracle Kubernetes Cluster

## 3 Storage (Block, Object, File Service)

- Module Agenda
- Storage Service Overview
- Local NVMe Storage
- Block volume Overview
- Create Attach Detach Manage Block Volume
- Replication and shareable block volume
- Resize and Backup of Block Volume
- Clone and Volume Group
- Multipart Upload Security Part Lifecycle
- Object Storage Overview
- Overview of File Storage and Mount target
- Overview of FSS Snapshot
- Data Transfer Service DTA DTD
- Storage Gateway

### Hands-on-Lab

- Create, Attach & Manage Block Volume, Object Storage & FSS
- Mounting Object Storage as File System
- Install & Configure Storage Gateway In OCI

## 4 Networking (Basic, Advance, Load Balancer, DNS)

- OCI Networking Overview
- OCI Networks VCN and Subnet
- Traffic Outside VCN Route Table
- OCI Gateways
- Connect Two VCN Inside Region Local Peering Gateway (LPG)
- Firewall in OCI Security List (SL)
- Firewall in OCI Network Security Group (NSG)
- Firewall in OCI SL and NSG
- DHCP In OCI Dynamic Host Configuration
- VCN In OCI Default Components and Recap
- Troubleshooting VCN VCN Flow Logs
- IP Management Public | Private | Ephemeral | Reserved | BYOI
- VCN Advance DRG Enhancements
- VPN Connect & Fast connect
- Load Balancer

- Network Load Balancer & DNS
- Traffic Management
- Network Visualizer
- Inter Region Latency

## Hands-on-Lab

- HOL Create VCN SN SL RT IGW SGW DRG
- Troubleshooting 502 Bad Gateway Load Balancer
- Networking (Basic, Advance, Load Balancer, DNS)

**5**

## Identity & Access Management (IAM) service

- IAM Service Overview and Concepts
- IAM Services: Principal, Users and Groups
- IAM Service AuthN and AuthZ
- IAM Service Compartment
- IAM Service Authz Policy
- IAM Service Move Compartment & Policy Implications
- IAM Service Tag Base Access Control TBAC
- Advanced IAM Dynamic Groups
- IAM Service Putting it All Together

## Hands-on-Lab

- Create Compartment Setup IAM Users Groups Security Policy Rule & Accessing Usage Reports

**6**

## Advanced IAM, Security, Observability

- Observability & Management
- Federation & Integrating OCI with IDCS
- Dynamic Groups Instance Principal

## Hands-on-Lab

- IDCS - OCI Federation

**7**

## Cloud Platform for Database

- Database On OCI Module Overview
- Overview of User Managed & Autonomous Database Options
- User Managed Database, ExaCS, BMDB, VMDB
- Overview of Autonomous Database, ATP, ADW

- Provision Virtual Machine Database (VMDB)
- Provision Autonomous Database
- Exadata CC & Exadata CS Overview
- Scale-Up CPU & Storage In Database
- Autonomous Database Consumer Groups
- Patch, Manage, Backup & Restore Database
- DataGuard & Standby Database

## Hands-on-Lab

- Create & Access User Managed Database On OCI
- Create Connect Load Data Administer & Autonomous Database

## 8  Migration in Oracle Cloud

- Database and Application Migration in Oracle Cloud
- Consideration for Cloud Migration
- Migration Methods and Strategies

## 9  Certification Exam Prep

- Certification Exam Overview
- Exam Topics Discussion
- Sample Exam Questions

## 10  CV & Job Preparation

- Oracle Cloud Sample CV
- CV Preparation sessions
- Mock Interviews
- Interview Questions discussion
- Projects & Hands on Work

# Features and Perks

### Live Interactive Sessions from Oracle Experts

Learn from the best in the industry with live sessions from Oracle experts. They will share their expert tips and tricks, and answer all of your questions.

### Industry In-Demand Projects and Hands-on Labs

Get hands-on experience with industry in-demand projects and hands-on labs. This will give you the skills you need to succeed in the job market.

### 1 year unlimited retakes

You can rewatch the live sessions and retake the labs for up to 1 year after the program ends. This gives you plenty of time to learn and practice at your own pace.

### 1 year on-job support

Get help on your job work for 1 year after completing the program.

### WhatsApp support & ticketing system

Get help from our team of experts via WhatsApp or our ticketing system. We are always available to answer your questions.

### Mock Interviews

We'll also do **mock interviews** so you can practice.

## Master Your Chosen Certification: Study Materials and Exam Prep for Success

You can **choose any one certification from our list**, and we'll provide you with the necessary study materials & exam preparation kit with multiple sample exam question set (**200+** questions with explanation to answers) focused on that certification so you can pass it.

- Oracle Cloud Infrastructure Foundation Associate [1z0-1085-23]
- Oracle Cloud Architect Associate [1Z0-1072-23]
- Oracle Cloud Database Services [1Z0-1093-23]

## 60-day Money-back Guarantee

If you don't get a job offer after completing all of the activity labs and projects, you can get a full refund. To qualify for a refund, you must provide proof that you have applied to at least 50 jobs (we will help you with the job search & application) and have not received an offer from any of them.

# Who is this Program for?



## The Oracle Cloud (OCI/Database) Job Oriented Program is for anyone who wants to:

- Get a higher paying job in the Oracle Cloud area
- Get industry-leading guidance from top experts
- Perform industry-demanded projects and add them to their CV
- Gain hands-on experience in Oracle Cloud Technologies

## Specifically, the program is for:

- Freshers or new to IT who want to build a career in high-paying IT Cloud jobs.
- Those who manage and organize databases (where information is stored).
- Companies with a significant presence in Oracle Cloud Infrastructure who want to train their employees to effectively manage and utilize these resources.
- Individuals transitioning from a different field to IT/cloud computing who want to quickly gain practical skills to enter the job market.
- IT professionals working on-premise (Unix / Linux/ Windows, networks, storage, databases, VMware, testing, containers, Kubernetes, sysadmins, administrators, developers, support, operations, DevOps, architects, or technical managers)

# Success Stories

## Sohin [in]

Oracle DBA To Cloud DBA | 1Z0-1093 | 931 | 1094

*Changing technological times requires us to be on our toes always and be updated with the latest Cloud technology. I thoroughly enjoyed learning with K21Academy; the trainers are sharp and knowledgeable, they do not hesitate in giving their best, the study material is very well articulated. I always watched the Pre-recorded sessions, and I completely love the option given by K21Academy to have lifetime access to the portal and the recordings and the perks of joining the live classes.*

## Shailesh Tak [in]

Oracle Database | EBS | FMW Consultant

*Time was the biggest challenge for me as with Family, big team to manage at workplace, and my own deliverables, I didn't have any time to Study. Videos on Portal and ability to learn at my own pace is the best I think for me. I now usually learn while commute and Jump on Live sessions whenever my busy schedule allows.*

## Anatoliy Smirnov [in]

Oracle Integration Cloud

*My aim for the new year was to get up to speed with Oracle Integration Cloud, I went and looked for many training centers and ended up watching a FREE Class by K21Academy. They provided all the initial knowledge that helped me land a new job as an OIC developer.*
*Because of their fantastic feature, I got a chance to rejoin the recent batch to brush up on the basics of OIC again and found the study material to be greatly improvised by the team.*

# Rachin Gupta in

Oracle Integration Cloud Services

*The study material in my study portal was very efficient and helped me score 80% in the [1Z0-1042] Oracle Integration Cloud Services examination. I was searching for the best institution to learn Oracle Integration Cloud Services and finally found K21Academy through their FREE blogs and trust me K21Academy is the best when it comes to learning Cloud Technology.*

# Irina Cretan in

Oracle Infrastructure Architect

*The Live Session organized by the K21Academy, covered technical concepts in-depth and that made it easy and accessible for people like me who come from a non-technical background. the learning and certification definitely help me in my regular tasks at the job, where I am able to practically implement all the learnings. I have already recommended K21Academy amongst my peers*

# Satyendra Yadav in

Oracle | Azure | AWS

*From struggling to enhance my knowledge and skillset on Cloud, to being confident to work on multi-cloud projects, K21Academy made it all possible!*
*I attended a FREE Class organized by K21 Academy and finally found the correct place to learn.*
*I instantly enrolled for [1Z0-1072] OCI Architect training, it was conducted well and the trainer was amazing. Also, Atul Kumar is always there to pitch in and render his support and help along with prompt support from the team.*

# Our Happy Customers



Witness the triumph of our esteemed customers as they embark on remarkable career journeys, securing coveted roles within renowned companies. Their success stories stand as a testament to the transformative power of our educational programs, providing the skills and knowledge needed to thrive in today's competitive job market. Join our community of achievers and unlock your path to professional excellence, paving the way for a future filled with boundless opportunities and personal growth.

# FEE STRUCTURE

## 4 Monthly Installments

**Live Sessions + Support**

## $897 x 4 only

**Get Immediate Access to
Training Material & Support**

**ENROLL NOW**

## Single Payment

**Live Sessions + Support**

## $2997 only

**Get Immediate Access to
Training Material & Support**

**ENROLL NOW**

# #CREATEIMPACT

# THANK YOU

www.k21academy.com

## Need more insights?

Speak with our Career Counsellor for a detailed overview of Oracle Job Oriented Program.

**Schedule a Call** ▶

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