

AI NAFI TRACKS – DRIP SCHEDULE

This document is designed to provide our students with a clear and concise overview of our Advancement Tracks schedule and the courses included within each track. We have implemented a drip schedule for these tracks, which means that certain courses will become available to students at specific intervals after making their monthly payments. This schedule is designed to ensure that students have the time to absorb and practice the material covered in each course before moving on to the next one. It is important to note that the schedule is subject to change at any time at the discretion of AL NAFI.

It is important to note that the course access timeline and its contents are subject to change at any time at the discretion of Al Nafi.

Additionally, annual users have the opportunity to apply for an internship immediately, while other users can apply for an internship once they have completed three months of access or more. As a reminder, students can no longer apply for the resume development service. Instead, students are encouraged to build their skills and experience through internships and create resumes. This policy will be in effect starting January 30th, 2022.

However, students who have registered and purchased our tracks before January 30th, 2022 may still apply for the resume development service provided by our Resume Development Office. All Cloud (AWS) custom Labs that are part of any of our Advancement Tracks will be accessible after the 10th monthly payment is received.

Disclaimer: AL NAFI reserves the right to modify, change, or update the drip schedules of our tracks at any time without prior notice, at our sole discretion. These changes may be made to improve the quality of our offerings, to better serve our students, or due to any unforeseen circumstances. As a result, students should regularly check our platform and their email for any updates related to the drip schedule of their track. By enrolling in any of our tracks, students agree to these terms and acknowledge that any modifications to the drip schedule are the sole responsibility of AL NAFI.

| Career Advancement Track (CAT / CCST) | | | |
|--|------------------------|-----------------------|--------------------|
| Course Name | Activation Month | Course Duration Hours | Trainer |
| LinkedIn Course for Job Seekers | 1 st Month | 20 | Hammad Siddiqui |
| Live Classes with Muhammad Faisal | 1 th Month | 200 | M Faisal |
| IELTS Academic and General Training + live classes | 1 st Month | 300 | Uthman Farooqui |
| Linux Deep Dive (Primer/Level 1/ Level 2 & 3/ Bash Scripting) | 1 st Month | 32 | M. Faisal / Abdeli |
| Linear Algebra for Emerging Pathways | 1 st Month | 10 | Dr Awais |
| RHEL Intensive – SysOps – Part - 1 | 1 st Month | 71 | Kazim Sheikh |
| RHEL Intensive – SysOps – Part - 2 | 2 nd Month | | Kazim Sheikh |
| RHEL Intensive – SysOps – Part - 3 | 3 rd Month | | Kazim Sheikh |
| SCADA/ICS Security 101 | 2 th Month | 5 | M Faisal |
| Python Deep Dive (Primer/Alpha/Beta/Python Automation) | 2 nd Month | 58 | M. Faisal / Abdeli |
| Learn Data Science Using Python | 3 rd Month | 19 | Hasnain Ali Poonja |
| Certified Information System Security Professional | 3 rd Month | 30 | M. Faisal |
| AWS Architect Essentials | 3 rd Month | 1 | Kazim Sheikh |
| Cyber Security Essentials Revisit | 4 rd Month | 10 | M. Faisal |
| Elasticsearch SOC engineer + live classes | 4 th Month | 30 | M. Abdullah Tariq |
| Probability for Emerging Pathways | 4 th Month | 8 | Dr Awais |
| Vulnerability Assessment in line with various frameworks Code | 4 th Month | 15 | M Faisal |
| Live classes for Offensive Security with the trainer | 4 th Month | 30 | M Hasnain |
| ISO 27001, ISO 27017, ISO 27018 Lead Implementer & Auditor Course | 5 th Month | 5 | M Faisal |
| PCI DSS Qualified Security Assessor Training | 5 th Month | 2 | M Faisal |
| Hacking 101 AKA ethical hacking and incident response mgmt. | 5 th Month | 17 | M Faisal |
| SIEM the HOA starting the journey | 6 th Month | 2 | M Faisal |
| Statistics for Emerging Pathways | 6 th Month | 5 | Dr. Awais |
| Web Application Pentesting & Ethical Hacking | 7 th Month | 5 | M Hasnain |
| Elasticsearch threat Hunting and Observability Engineer + live classes | 7 th Month | 30 | Osama Anwer |
| CIS Top 20 Controls Hands-on Implementation | 8 th Month | 6 | M Faisal |
| SCADA Prevention & Detection an HOA | 8 th Month | 2 | M Faisal |
| SCADA, ISO 27019:2017 and NIST 800-82 connection | 9 th Month | 3 | M Faisal |
| Calculus for Emerging Pathways | 9 th Month | 5 | Dr. Awais |
| Elasticsearch for Data Science and Analytics with Kibana + live classes | 10 th Month | 30 | Saira Kaleem |
| Network Pen testing, and Ethical Hacking in line with various frameworks | 11 th Month | 6 | M Hasnain |
| WEB APPLICATION PENTESTING WSTG-LABS | 12 th Month | 8 | M Hasnain |

| DevOps Advancement Track (DOAT) -Add-On | | | |
|--|-------------------------|------------------------------|-----------------|
| Course Name | Activation Month | Course Duration Hours | Trainer |
| DevOps Docker Deep Dive | 1 st Month | 30 | Abdeali Dodia |
| Bash Script Deep Dive | 2 nd Month | 19 | Abdeali Dodia |
| Python Automation Deep Dive | 3 rd Month | 34 | Abdeali Dodia |
| Python Selenium | 4 th Month | 10 | Abdeali Dodia |
| JIRA with python | 5 th Month | 5 | Abdeali Dodia |
| Python Flask | 6 th Month | 10 | Abdeali Dodia |
| Vagrant | 7 th Month | 10 | Abdeali Dodia |
| Ansible | 8 th Month | 20 | Abdeali Dodia |
| Kubernetes and Cloud Native | 9 th Month | 17 | Shams Ur Rehman |
| Kubernetes Application Developer | 10 th Month | 19 | Shams Ur Rehman |
| Kubernetes Live Sessions | 10 th Month | 48 | Shams Ur Rehman |
| Kubernetes Administration | 11 th Month | 15 | Shams Ur Rehman |
| Kubernetes Security | 12 th Month | 17 | Shams Ur Rehman |
| DevOps Hands-On Cloud Labs | | | |
| DevOps Cloud Labs (AWS) | 10 th Month* | N/A | N/A |

*The lab videos will be provided on the 10th month but the lab environment must be purchased separately.

** These labs are available as add-ons or in our BSc and MSc DevOps Degree Programs. For more information, please check our website. (www.alnafi.com)

| Artificial Intelligence Advancement Track (AIAT) -Add-On | | | |
|---|-------------------------|------------------------------|--------------------|
| Course Name | Activation Month | Course Duration Hours | Trainer |
| Artificial intelligence | 1 st Month | 10 | Dr Saleha |
| Python Programming for Machine Learning | 2 nd Month | 7 | Dr Owais |
| Deep Learning | 3 rd Month | 6 | Dr Owais |
| Machine Learning - Mathematics and Python Implementation | 4 th Month | 15 | Dr Owais |
| Advanced topics in Machine Learning | 5 th Month | TBA | Dr Owais |
| Practical Applications of Machine Learning | 6 th Month | TBA | Dr Owais |
| Deep Learning Deep Dive | 7 th Month | 5 | Hasnain Ali Poonja |
| Machine learning Model Development and Deployment (Part 1&2) | 8 th Month | 10 | Hasnain Ali Poonja |
| | 9 th Month | | |
| Computer Vision | 10 th Month | TBA | Hasnain Ali Poonja |
| Natural Language Processing | 11 th Month | TBA | Hasnain Ali Poonja |
| AI Hands-On Cloud Labs | | | |
| AI Cloud Labs (AWS) | 11 th Month | N/A | N/A |

*The lab videos will be provided on the 10th month but the lab environment must be purchased separately.

** These labs are available as add-ons or in our BSc and MSc DevOps Degree Programs. For more information, please check our website. (www.alnafi.com)

| SysOps & Cloud Advancement Track (SCAT) - Add-On | | | |
|--|-------------------------|------------------------------|----------------|
| Course Name | Activation Month | Course Duration Hours | Trainer |
| AWS Architect Essentials | 0 | 1.13 | Kazim Shaikh |
| Section 1: - Start building on AWS using Free Tier | 1 st Month | 1.22 | Kazim Shaikh |
| Section 2: - AWS user creation & permission management | 1 st Month | 1.97 | Kazim Shaikh |
| Section 3: - Building your first Virtual Private Cloud (VPC) | 1 st Month | 2.00 | Kazim Shaikh |
| Section 4: -Architecting VPC as per customer | 2 nd Month | 1.88 | Kazim Shaikh |
| Section 5: -Dive deep into Security Group and NACL | 2 nd Month | 2.23 | Kazim Shaikh |
| Section 6: -Going down the Rabbit Hole Security Group and NACL | 3 rd Month | 2.07 | Kazim Shaikh |
| Section 7: - How to write letter for bill adjustments & reversal of charges | 3 rd Month | 0.33 | Kazim Shaikh |
| Section 8: - Setting up NAT Instance inline with AWS documentation & AWS NAT Gateway | 3 rd Month | 1.85 | Kazim Shaikh |
| Section 9: - VPC Peering Different Regions Amazon EBS | 4 th Month | 2.23 | Kazim Shaikh |
| Section 10: - EC2 Pricing Strategy with Reserved Instance | 4 th Month | 2.77 | Kazim Shaikh |
| Section 11: - EC2 Pricing Strategy with Saving Plans | 5 th Month | 1.93 | Kazim Shaikh |
| Section 12: - Placement group Strategy | 5 th Month | 2.02 | Kazim Shaikh |
| Section 13: - Dive deep into EBS Encryption | 6 th Month | 3.28 | Kazim Shaikh |
| Section 14: - Building your own Amazon Machine Image | 6 th Month | 2.43 | Kazim Shaikh |
| Section 15: - Dive deep into Auto Scaling | 7 th Month | 1.97 | Kazim Shaikh |
| Section 16: - Automating Snapshots | 7 th Month | 0.27 | Kazim Shaikh |
| Section 17: - S3 Bucket creation versioning | 7 th Month | 1.67 | Kazim Shaikh |
| Section 18: - Building RDS cluster in Multi AZ Prod setup | 8 th Month | 1.77 | Kazim Shaikh |
| Section 19: - Redshift Kinesis AWS Lambda DynamoDB | 8 th Month | 2.00 | Kazim Shaikh |
| Section 20: - Route 53 | 9 th Month | 2.33 | Kazim Shaikh |
| Section 21: - CloudFront Formation SQS CloudTrail | 9 th Month | 2.57 | Kazim Shaikh |
| Section 22: - Connecting AWS VPC to On Premises | 10 th Month | 1.28 | Kazim Shaikh |
| Section 23: - AD Connector for streamlining Identity Management | 10 th Month | 1.92 | Kazim Shaikh |

* SysOps Labs are available as a part of our SysOps Advancement Track
For more information, please check our website (www.alnafi.com)

** These labs are available as add-on or in our BSc and MSc Blockchain Degree Programs.
For more information, please check our website (www.alnafi.com)

| BLOCKCHAIN Advancement Track (BAT) -Add-On | | | |
|---|-------------------------|------------------------------|----------------|
| Course Name | Activation Month | Course Duration Hours | Trainer |
| Programming in Ethereum (Solidity and Smart Contracts) | | | |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-1 | 1 st Month | 16 | Farhan Khan |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-2 | 1 st Month | | |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-3 | 2 nd Month | | |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-4 | 3 rd Month | | |
| Private Blockchain | 3 rd Month | 9 | Taimoor |
| Decentralized Applications Development (dAPPs Web3) | | | |
| Decentralized Applications Development (dAPPs Web3) – Part-1 | 3 rd Month | 15 | Farhan Khan |
| Decentralized Applications Development (dAPPs Web3) – Part-2 | 4 th Month | | |
| Decentralized Applications Development (dAPPs Web3) – Part-3 | 5 th Month | | |
| Decentralized Applications Development (dAPPs Web3) – Part-4 | 6 th Month | | |
| Role of Security Within Blockchain | | | |
| Role of Security Within Blockchain – Part-1 | 7 th Month | 10 | Farhan Khan |
| Role of Security Within Blockchain – Part-2 | 8 th Month | | |
| Role of Security Within Blockchain – Part-3 | 9 th Month | | |
| DeFi Application Development (DeFi, NFT and Tokens) | | | |
| DeFi Application Development (DeFi, NFT and Tokens) – Part-1 | 9 th Month | 12 | Farhan Khan |
| DeFi Application Development (DeFi, NFT and Tokens) – Part-2 | 10 th Month | | |
| DeFi Application Development (DeFi, NFT and Tokens) – Part-3 | 11 th Month | | |
| Blockchain Track Cloud Labs* | | | |
| Blockchain Cloud Labs (AWS)** | N/A | N/A | N/A |

* Blockchain Labs are available as a part of our Blockchain Advancement Track
For more information, please check our website (www.alnafi.com)

** These labs are available as add-on or in our BSc and MSc Blockchain Degree Programs.
For more information, please check our website (www.alnafi.com)

| DevOps-Artificial Intelligence Advancement Track - Combo Track | | | |
|---|------------------|-------|--------------------|
| Course Name | Activation Month | Hours | Trainer |
| LinkedIn Course for Job Seekers | 1st Month | 20 | Hammad Siddiqui |
| Live Classes with Muhammad Faisal | 1th Month | 200 | M Faisal |
| IELTS Academic and General Training + live classes | 1st Month | 300 | Uthman Farooqui |
| DevOps Docker Deep Dive | 1st Month | 30 | Abdeali Dodia |
| Artificial intelligence | 1st Month | 10 | Dr Saleha |
| Linux Deep Dive (Primer/Level 1/ Level 2 & 3/ Bash Scripting) | 2nd Month | 32 | M. Faisal / Abdeli |
| Linear Algebra for Emerging Pathways | 2nd Month | 10 | Dr Awais |
| Python Selenium | 2nd Month | 10 | Abdeali Dodia |
| Python Programming for Machine Learning | 2nd Month | 7 | Dr Owais |
| SCADA/ICS Security 101 | 3rd Month | 5 | M Faisal |
| Python Deep Dive (Primer/Alpha/Beta/Python Automation) | 3rd Month | 58 | M. Faisal / Abdeli |
| Learn Data Science Using Python | 3rd Month | 19 | Hasnain Ali Poonja |
| Certified Information System Security Professional | 3rd Month | 30 | M. Faisal |
| JIRA with python | 3rd Month | 5 | Abdeali Dodia |
| Deep Learning | 4th Month | 6 | Dr Owais |
| AWS Architect Essentials | 4th Month | 1 | Kazim Sheikh |
| Cyber Security Essentials Revisit | 4th Month | 10 | M. Faisal |
| Elasticsearch SOC engineer + live classes | 4th Month | 30 | M. Abdullah Tariq |
| Probability for Emerging Pathways | 4th Month | 8 | Dr Awais |
| Vulnerability Assessment in line with various frameworks Code | 4th Month | 15 | M Faisal |
| Live classes for Offensive Security with the trainer | 4th Month | 30 | M Hasnain |
| RHEL Intensive – SysOps – Part - 1 | 5th Month | 23 | Kazim Sheikh |
| RHEL Intensive – SysOps – Part - 2 | 6th Month | 23 | Kazim Sheikh |
| ISO 27001, ISO 27017, ISO 27018 Lead Implementer & Auditor Course | 5th Month | 5 | M Faisal |
| PCI DSS Qualified Security Assessor Training | 5th Month | 2 | M Faisal |
| Hacking 101 AKA ethical hacking and incident response mgmt. | 5th Month | 17 | M Faisal |

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|--|------------|-----|--------------------|
| Machine Learning - Mathematics and Python Implementation | 5th Month | 15 | Dr Owais |
| Python Flask | 6th Month | 10 | Abdeali Dodia |
| SIEM the HOA starting the journey | 6th Month | 2 | M Faisal |
| Statistics for Emerging Pathways | 6th Month | 5 | Dr. Awais |
| RHEL Intensive – SysOps – Part - 3 | 7th Month | 23 | Kazim Sheikh |
| Web Application Pentesting & Ethical Hacking | 7th Month | 5 | M Hasnain |
| Elasticsearch threat Hunting and Observability Engineer + live classes | 7th Month | 30 | Osama Anwer |
| CIS Top 20 Controls Hands-on Implementation | 8th Month | 6 | M Faisal |
| SCADA Prevention & Detection an HOA | 8th Month | 2 | M Faisal |
| Vagrant | 8th Month | 10 | Abdeali Dodia |
| Advanced topics in Machine Learning | 8th Month | TBA | Dr Owais |
| SCADA, ISO 27019:2017 and NIST 800-82 connection | 9th Month | 3 | M Faisal |
| Calculus for Emerging Pathways | 9th Month | 5 | Dr. Awais |
| Ansible | 9th Month | 20 | Abdeali Dodia |
| Elasticsearch for Data Science and Analytics with Kibana + live classes | 10th Month | 30 | Saira Kaleem |
| Network Pen testing, and Ethical Hacking in line with various frameworks | 11th Month | 6 | M Hasnain |
| WEB APPLICATION PENTESTING WSTG-LABS | 12th Month | 8 | M Hasnain |
| Kubernetes and Cloud Native (CKAD-Part 1) | 13th Month | 17 | Shams Ur Rehman |
| Kubernetes Live Sessions | 13th Month | 48 | Shams Ur Rehman |
| Practical Applications of Machine Learning | 13th Month | TBA | Dr Owais |
| Kubernetes Application Developer (CKAD-Part 2) | 14th Month | 19 | Shams Ur Rehman |
| Deep Learning Deep Dive | 14th Month | 5 | Hasnain Ali Poonja |
| Kubernetes Administration (CKAD-Part 3) | 15th Month | 15 | Shams Ur Rehman |
| Machine learning Model Development and Deployment (Part 1) | 15th Month | 5 | Hasnain Ali Poonja |
| Kubernetes Security (CKAD-Part 4) | 16th Month | 17 | Shams Ur Rehman |
| Machine learning Model Development and Deployment (Part 2) | 16th Month | 5 | Hasnain Ali Poonja |
| Computer Vision | 17th Month | TBA | Hasnain Ali Poonja |
| Natural Language Processing | 18th Month | TBA | Hasnain Ali Poonja |
| Hands-On Cloud Labs | | | |
| Hands-On Cloud Labs (AWS) | 15th Month | N/A | N/A |

| AI Hands-On Cloud Labs | | | |
|------------------------|------------|-----|-----|
| AI Cloud Labs (AWS) | 12th Month | N/A | N/A |



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Gulshan-e-Iqbal, Karachi.

DevOps & SysOps Advancement Track - Combo Track

| Course Name | Activation Month | Hours | Trainer |
|---|------------------|-------|--------------------|
| LinkedIn Course for Job Seekers | 1st Month | 20 | Hammad Siddiqui |
| Live Classes with Muhammad Faisal | 1th Month | 200 | M Faisal |
| IELTS Academic and General Training + live classes | 1st Month | 300 | Uthman Farooqui |
| DevOps Docker Deep Dive | 1st Month | 30 | Abdeali Dodia |
| Artificial intelligence | 1st Month | 10 | Dr Saleha |
| Linux Deep Dive (Primer/Level 1/ Level 2 & 3/ Bash Scripting) | 2nd Month | 32 | M. Faisal / Abdeli |
| Linear Algebra for Emerging Pathways | 2nd Month | 10 | Dr Awais |
| Python Selenium | 2nd Month | 10 | Abdeali Dodia |
| Python Programming for Machine Learning | 2nd Month | 7 | Dr Owais |
| SCADA/ICS Security 101 | 3rd Month | 5 | M Faisal |
| Python Deep Dive (Primer/Alpha/Beta/Python Automation) | 3rd Month | 58 | M. Faisal / Abdeli |
| Learn Data Science Using Python | 3rd Month | 19 | Hasnain Ali Poonja |
| Certified Information System Security Professional | 3rd Month | 30 | M. Faisal |
| JIRA with python | 3rd Month | 5 | Abdeali Dodia |
| Deep Learning | 4th Month | 6 | Dr Owais |
| AWS Architect Essentials | 4th Month | 1 | Kazim Sheikh |
| Cyber Security Essentials Revisit | 4th Month | 10 | M. Faisal |
| Elasticsearch SOC engineer + live classes | 4th Month | 30 | M. Abdullah Tariq |
| Probability for Emerging Pathways | 4th Month | 8 | Dr Awais |
| Vulnerability Assessment in line with various frameworks Code | 4th Month | 15 | M Faisal |
| Live classes for Offensive Security with the trainer | 4th Month | 30 | M Hasnain |
| RHEL Intensive – SysOps – Part - 1 | 5th Month | 23 | Kazim Sheikh |
| RHEL Intensive – SysOps – Part - 2 | 6th Month | 23 | Kazim Sheikh |
| ISO 27001, ISO 27017, ISO 27018 Lead Implementer & Auditor Course | 5th Month | 5 | M Faisal |
| PCI DSS Qualified Security Assessor Training | 5th Month | 2 | M Faisal |
| Hacking 101 AKA ethical hacking and incident response mgmt. | 5th Month | 17 | M Faisal |
| Machine Learning - Mathematics and Python Implementation | 5th Month | 15 | Dr Owais |
| Python Flask | 6th Month | 10 | Abdeali Dodia |

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|--|------------|-----|--------------------|
| SIEM the HOA starting the journey | 6th Month | 2 | M Faisal |
| Statistics for Emerging Pathways | 6th Month | 5 | Dr. Awais |
| RHEL Intensive – SysOps – Part - 3 | 7th Month | 23 | Kazim Sheikh |
| Web Application Pentesting & Ethical Hacking | 7th Month | 5 | M Hasnain |
| Elasticsearch threat Hunting and Observability Engineer + live classes | 7th Month | 30 | Osama Anwer |
| CIS Top 20 Controls Hands-on Implementation | 8th Month | 6 | M Faisal |
| SCADA Prevention & Detection an HOA | 8th Month | 2 | M Faisal |
| Vagrant | 8th Month | 10 | Abdeali Dodia |
| Advanced topics in Machine Learning | 8th Month | TBA | Dr Owais |
| SCADA, ISO 27019:2017 and NIST 800-82 connection | 9th Month | 3 | M Faisal |
| Calculus for Emerging Pathways | 9th Month | 5 | Dr. Awais |
| Ansible | 9th Month | 20 | Abdeali Dodia |
| Elasticsearch for Data Science and Analytics with Kibana + live classes | 10th Month | 30 | Saira Kaleem |
| Network Pen testing, and Ethical Hacking in line with various frameworks | 11th Month | 6 | M Hasnain |
| WEB APPLICATION PENTESTING WSTG-LABS | 12th Month | 8 | M Hasnain |
| Kubernetes and Cloud Native (CKAD-Part 1) | 13th Month | 17 | Shams Ur Rehman |
| Kubernetes Live Sessions | 13th Month | 48 | Shams Ur Rehman |
| Practical Applications of Machine Learning | 13th Month | TBA | Dr Owais |
| Kubernetes Application Developer (CKAD-Part 2) | 14th Month | 19 | Shams Ur Rehman |
| Deep Learning Deep Dive | 14th Month | 5 | Hasnain Ali Poonja |
| Kubernetes Administration (CKAD-Part 3) | 15th Month | 15 | Shams Ur Rehman |
| Machine learning Model Development and Deployment (Part 1) | 15th Month | 5 | Hasnain Ali Poonja |
| Kubernetes Security (CKAD-Part 4) | 16th Month | 17 | Shams Ur Rehman |
| Machine learning Model Development and Deployment (Part 2) | 16th Month | 5 | Hasnain Ali Poonja |
| Computer Vision | 17th Month | TBA | Hasnain Ali Poonja |
| Natural Language Processing | 18th Month | TBA | Hasnain Ali Poonja |
| Hands-On Cloud Labs | | | |
| Hands-On Cloud Labs (AWS) | 16th Month | N/A | N/A |

Blockchain & DevOps Advancement Track - Combo Track

| Course Name | Activation Month | Hours | Trainer |
|---|------------------|-------|--------------------|
| LinkedIn Course for Job Seekers | 1st Month | 20 | Hammad Siddiqui |
| Live Classes with Muhammad Faisal | 1th Month | 200 | M Faisal |
| IELTS Academic and General Training + live classes | 1st Month | 300 | Uthman Farooqui |
| DevOps Docker Deep Dive | 1st Month | 30 | Abdeali Dodia |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-1 | 1st Month | 4 | Farhan Khan |
| Linux Deep Dive (Primer/Level 1/ Level 2 & 3/ Bash Scripting) | 2nd Month | 32 | M. Faisal / Abdeli |
| Linear Algebra for Emerging Pathways | 2nd Month | 10 | Dr Awais |
| Python Selenium | 2nd Month | 10 | Abdeali Dodia |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-2 | 2nd Month | 4 | Farhan Khan |
| SCADA/ICS Security 101 | 3rd Month | 5 | M Faisal |
| Python Deep Dive (Primer/Alpha/Beta/Python Automation) | 3rd Month | 58 | M. Faisal / Abdeli |
| Learn Data Science Using Python | 3rd Month | 19 | Hasnain Ali Poonja |
| Certified Information System Security Professional | 3rd Month | 30 | M. Faisal |
| JIRA with python | 3rd Month | 5 | Abdeali Dodia |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-3 | 3rd Month | 4 | Farhan Khan |
| AWS Architect Essentials | 4th Month | 1 | Kazim Sheikh |
| Cyber Security Essentials Revisit | 4th Month | 10 | M. Faisal |
| Elasticsearch SOC engineer + live classes | 4th Month | 30 | M. Abdullah Tariq |
| Probability for Emerging Pathways | 4th Month | 8 | Dr Awais |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-3 | 4th Month | 4 | Farhan Khan |
| Vulnerability Assessment in line with various frameworks Code | 4th Month | 15 | M Faisal |
| Live classes for Offensive Security with the trainer | 4th Month | 30 | M Hasnain |
| RHEL Intensive – SysOps – Part - 1 | 5th Month | 23 | Kazim Sheikh |
| RHEL Intensive – SysOps – Part - 2 | 6th Month | 23 | Kazim Sheikh |
| ISO 27001, ISO 27017, ISO 27018 Lead Implementer & Auditor Course | 5th Month | 5 | M Faisal |
| PCI DSS Qualified Security Assessor Training | 5th Month | 2 | M Faisal |
| Hacking 101 AKA ethical hacking and incident response mgmt. | 5th Month | 17 | M Faisal |
| Decentralized Applications Development (dApps Web3) – Part-1 | 5th Month | 4 | Farhan Khan |

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|--|------------|----|-----------------|
| Python Flask | 6th Month | 10 | Abdeali Dodia |
| SIEM the HOA starting the journey | 6th Month | 2 | M Faisal |
| Statistics for Emerging Pathways | 6th Month | 5 | Dr. Awais |
| Decentralized Applications Development (dAPPs Web3) – Part-2 | 6th Month | 4 | Farhan Khan |
| RHEL Intensive – SysOps – Part - 3 | 7th Month | 23 | Kazim Sheikh |
| Web Application Pentesting & Ethical Hacking | 7th Month | 5 | M Hasnain |
| Elasticsearch threat Hunting and Observability Engineer + live classes | 7th Month | 30 | Osama Anwer |
| Decentralized Applications Development (dAPPs Web3) – Part-3 | 7th Month | 4 | Farhan Khan |
| CIS Top 20 Controls Hands-on Implementation | 8th Month | 6 | M Faisal |
| SCADA Prevention & Detection an HOA | 8th Month | 2 | M Faisal |
| Vagrant | 8th Month | 10 | Abdeali Dodia |
| Decentralized Applications Development (dAPPs Web3) – Part-4 | 8th Month | 3 | Farhan Khan |
| SCADA, ISO 27019:2017 and NIST 800-82 connection | 9th Month | 3 | M Faisal |
| Calculus for Emerging Pathways | 9th Month | 5 | Dr. Awais |
| Ansible | 9th Month | 20 | Abdeali Dodia |
| Role of Security Within Blockchain – Part-1 | 9th Month | 4 | Farhan Khan |
| Elasticsearch for Data Science and Analytics with Kibana + live classes | 10th Month | 30 | Saira Kaleem |
| Role of Security Within Blockchain – Part2 | 10th Month | 4 | Farhan Khan |
| Network Pen testing, and Ethical Hacking in line with various frameworks | 11th Month | 6 | M Hasnain |
| Role of Security Within Blockchain – Part3 | 11th Month | 2 | Farhan Khan |
| WEB APPLICATION PENTESTING WSTG-LABS | 12th Month | 8 | M Hasnain |
| DeFi Application Development (DeFi, NFT and Tokens) Part-1 | 12th Month | 4 | Farhan Khan |
| Kubernetes and Cloud Native (CKAD-Part 1) | 13th Month | 17 | Shams Ur Rehman |
| Kubernetes Live Sessions | 13th Month | 48 | Shams Ur Rehman |
| DeFi Application Development (DeFi, NFT and Tokens) Part-2 | 13th Month | 4 | Farhan Khan |
| Kubernetes Application Developer (CKAD-Part 2) | 14th Month | 19 | Shams Ur Rehman |
| DeFi Application Development (DeFi, NFT and Tokens) Part-3 | 14th Month | 4 | Farhan Khan |
| Kubernetes Administration (CKAD-Part 3) | 15th Month | 15 | Shams Ur Rehman |
| Private Blockchain Part-1 | 15th Month | 3 | Tamoier |
| Kubernetes Security (CKAD-Part 4) | 16th Month | 17 | Shams Ur Rehman |

| | | | |
|----------------------------|------------|----------|---------------|
| Private Blockchain Part-2 | 16th Month | 3 | Tamoier |
| Private Blockchain Part-3 | 17th Month | 3 | Tamoier |
| Web Development | 18th Month | Complete | Hassnat Mirza |
| Hands-On Cloud Labs | | | |
| Hands-On Cloud Labs (AWS) | 16th Month | N/A | N/A |
| Blockchain Labs | 18th Month | N/A | N/A |

DevOps, SysOps, and AI Advancement Track - Combo Track

| Course Name | Activation Month | Hours | Trainer |
|---|------------------|-------|--------------------|
| LinkedIn Course for Job Seekers | 1st Month | 20 | Hammad Siddiqui |
| Live Classes with Muhammad Faisal | 1th Month | 200 | M Faisal |
| IELTS Academic and General Training + live classes | 1st Month | 300 | Uthman Farooqui |
| DevOps Docker Deep Dive | 1st Month | 30 | Abdeali Dodia |
| Artificial intelligence | 1st Month | 10 | Dr Saleha |
| AWS Architect Essentials | 1st Month | 1 | Kazim Shaikh |
| Section 1:- Start building on AWS using Free Tier | 1st Month | 30 | Kazim Shaikh |
| Section 2:- AWS user creation & permission management | 2nd Month | 30 | Kazim Sheikh |
| Linux Deep Dive (Primer/Level 1/ Level 2 & 3/ Bash Scripting) | 2nd Month | 32 | M. Faisal / Abdeli |
| Linear Algebra for Emerging Pathways | 2nd Month | 10 | Dr Awais |
| Python Selenium | 2nd Month | 10 | Abdeali Dodia |
| Python Programming for Machine Learning | 2nd Month | 2 | Dr Owais |
| Section 3:- Building your first Virtual Private Cloud (VPC) | 3rd Month | 30 | Kazim Sheikh |
| SCADA/ICS Security 101 | 3rd Month | 5 | M Faisal |
| Python Deep Dive (Primer/Alpha/Beta/Python Automation) | 3rd Month | 58 | M. Faisal / Abdeli |
| Learn Data Science Using Python | 3rd Month | 19 | Hasnain Ali Poonja |
| Certified Information System Security Professional | 3rd Month | 30 | M. Faisal |
| JIRA with python | 3rd Month | 5 | Abdeali Dodia |
| Section 4:-Architecting VPC as per customer | 4th Month | 2 | Kazim Sheikh |
| Deep Learning | 4th Month | 6 | Dr Owais |
| Cyber Security Essentials Revisit | 4th Month | 10 | M. Faisal |
| Elasticsearch SOC engineer + live classes | 4th Month | 30 | M. Abdullah Tariq |
| Section 5:-Dive deep into Security Group and NACL | 5th Month | 2 | Kazim Sheikh |
| Probability for Emerging Pathways | 5th Month | 8 | Dr Awais |
| Vulnerability Assessment in line with various frameworks Code | 5th Month | 15 | M Faisal |
| Live classes for Offensive Security with the trainer | 5th Month | 30 | M Hasnain |
| RHEL Intensive – SysOps – Part - 1 | 6th Month | 23 | Kazim Sheikh |
| Section 6:-Going down the Rabbit Hole Security Group and NACL | 6th Month | 2 | Kazim Sheikh |

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|---|------------|-----|---------------|
| PCI DSS Qualified Security Assessor Training | 6th Month | 2 | M Faisal |
| Hacking 101 AKA ethical hacking and incident response mgmt. | 7th Month | 17 | M Faisal |
| Section 7:- How to write letter for bill adjustments & reversal of charges | 7th Month | 2 | Kazim Sheikh |
| Machine Learning - Mathematics and Python Implementation | 7th Month | 15 | Dr Owais |
| Python Flask | 7th Month | 10 | Abdeali Dodia |
| RHEL Intensive – SysOps – Part - 2 | 8th Month | 23 | Kazim Sheikh |
| SIEM the HOA starting the journey | 8th Month | 2 | M Faisal |
| Section 8:- Setting up NAT Instance inline with AWS documentation & AWS NAT Gateway | 8th Month | 1 | Kazim Sheikh |
| Statistics for Emerging Pathways | 9th Month | 5 | Dr Awais |
| RHEL Intensive – SysOps – Part - 2 | 9th Month | 23 | Kazim Sheikh |
| Section 9:- VPC Peering Different Regions Amazon EBS | 9th Month | 2 | Kazim Sheikh |
| RHEL Intensive – SysOps – Part - 3 | 10th Month | 23 | Kazim Sheikh |
| Section 10:- EC2 Pricing Strategy with Reserved Instance | 10th Month | 2 | Kazim Sheikh |
| Web Application Pentesting & Ethical Hacking | 11th Month | 5 | M Hasnain |
| Elasticsearch threat Hunting and Observability Engineer + live classes | 11th Month | 30 | Osama Anwer |
| Section 11 :- EC2 Pricing Strategy with Saving Plans | 11th Month | 2 | Kazim Shaikh |
| Vagrant | 12th Month | 10 | Abdeali Dodia |
| SCADA Prevention & Detection an HOA | 12th Month | 2 | M Faisal |
| Advanced topics in Machine Learning | 12th Month | TBA | Dr Owais |
| Section 12 :- Placement group Strategy | 12th Month | 2 | Kazim Shaikh |
| CIS Top 20 Controls Hands-on Implementation | 13th Month | 6 | M Faisal |
| SCADA, ISO 27019:2017 and NIST 800-82 connection | 13th Month | 3 | M Faisal |
| Ansible | 13th Month | 20 | Abdeali Dodia |
| Section 13 :- Dive deep into EBS Encryption | 13th Month | 2 | Kazim Shaikh |
| Calculus for Emerging Pathways | 14th Month | 5 | Dr. Awais |
| Elasticsearch for Data Science and Analytics with Kibana + live classes | 14th Month | 30 | Saira Kaleem |
| Section 14 :- Building your own Amazon Machine Image | 14th Month | 2 | Kazim Shaikh |
| Network Pen testing, and Ethical Hacking in line with various | 15th Month | 6 | M Hasnain |

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| frameworks | | | |
| WEB APPLICATION PENTESTING WSTG-LABS | 15th Month | 8 | M Hasnain |
| Kubernetes Live Sessions | 15th Month | 48 | Shams Ur Rehman |
| Kubernetes and Cloud Native (CKAD-Part 1) | 15th Month | 17 | Shams Ur Rehman |
| Section 15 :- Dive deep into Auto Scaling | 16th Month | 2 | Kazim Shaikh |
| Practical Applications of Machine Learning | 16th Month | TBA | Dr Owais |
| Section 16:- Automating Snapshots | 17th Month | 2 | Kazim Shaikh |
| Kubernetes Application Developer (CKAD-Part 2) | 17th Month | 19 | Shams Ur Rehman |
| Deep Learning Deep Dive | 17th Month | 5 | Hasnain Ali Poonja |
| Section 17:- S3 Bucket creation versioning | 18th Month | 2 | Kazim Shaikh |
| Kubernetes Administration (CKAD-Part 3) | 18th Month | 15 | Shams Ur Rehman |
| Machine learning Model Development and Deployment (Part 1) | 19th Month | 5 | Hasnain Ali Poonja |
| Section 18:- Building RDS cluster in Multi AZ Prod setup | 19th Month | 2 | Kazim Shaikh |
| Machine learning Model Development and Deployment (Part 2) | 20th Month | 5 | Hasnain Ali Poonja |
| Kubernetes Security (CKAD-Part 4) | 20st Month | 17 | Shams Ur Rehman |
| Section 19:- Redshift Kinesis AWS Lambda DynamoDB | 20th Month | 3 | Kazim Shaikh |
| Computer Vision | 21th Month | TBA | Hasnain Ali Poonja |
| Section 20:- Route 53 | 21th Month | 2 | Kazim Shaikh |
| Natural Language Processing | 22th Month | TBA | Hasnain Ali Poonja |
| Section 21:- Cloud Front Cloud Formation SQS CloudTrail | 22th Month | 2 | Kazim Shaikh |
| Section 22:- Connecting AWS VPC to On Premises | 23th Month | 2 | Kazim Shaikh |
| Section 23:- AD Connector for streamlining Identity Management | 24th Month | 2 | Kazim Shaikh |
| Hands-On Cloud Labs | | | |
| Hands-On Cloud Labs (AWS) | 24th Month | N/A | N/A |

DevOps, SysOps, and Blockchain Advancement Track - Combo Track

| Course Name | Activation Month | Hours | Trainer |
|---|------------------|-------|--------------------|
| LinkedIn Course for Job Seekers | 1st Month | 20 | Hammad Siddiqui |
| Live Classes with Muhammad Faisal | 1th Month | 200 | M Faisal |
| IELTS Academic and General Training + live classes | 1st Month | 300 | Uthman Farooqui |
| DevOps Docker Deep Dive | 1st Month | 30 | Abdeali Dodia |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-1 | 1st Month | 4 | Farhan Khan |
| AWS Architect Essentials | 1st Month | 1 | Kazim Shaikh |
| Section 1:- Start building on AWS using Free Tier | 1st Month | 30 | Kazim Shaikh |
| Section 2:- AWS user creation & permission management | 2nd Month | 30 | Kazim Sheikh |
| Linux Deep Dive (Primer/Level 1/ Level 2 & 3/ Bash Scripting) | 2nd Month | 32 | M. Faisal / Abdeli |
| Linear Algebra for Emerging Pathways | 2nd Month | 10 | Dr Awais |
| Python Selenium | 2nd Month | 10 | Abdeali Dodia |
| Python Programming for Machine Learning | 2nd Month | 2 | Dr Owais |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-2 | 2nd Month | 4 | Farhan Khan |
| Section 3:- Building your first Virtual Private Cloud (VPC) | 3rd Month | 30 | Kazim Sheikh |
| SCADA/ICS Security 101 | 3rd Month | 5 | M Faisal |
| Python Deep Dive (Primer/Alpha/Beta/Python Automation) | 3rd Month | 58 | M. Faisal / Abdeli |
| Learn Data Science Using Python | 3rd Month | 19 | Hasnain Ali Poonja |
| Certified Information System Security Professional | 3rd Month | 30 | M. Faisal |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-3 | 3rd Month | 4 | Farhan Khan |
| JIRA with python | 3rd Month | 5 | Abdeali Dodia |
| Section 4:-Architecting VPC as per customer | 4th Month | 2 | Kazim Sheikh |
| Programming in Ethereum (Solidity and Smart Contracts) – Part-4 | 4th Month | 3 | Farhan Khan |
| Cyber Security Essentials Revisit | 4th Month | 10 | M. Faisal |
| Elasticsearch SOC engineer + live classes | 4th Month | 30 | M. Abdullah Tariq |
| Section 5:-Dive deep into Security Group and NACL | 5th Month | 2 | Kazim Sheikh |
| Decentralized Applications Development (dAPPs Web3) – Part-1 | 5th Month | 4 | Farhan Khan |
| Probability for Emerging Pathways | 5th Month | 8 | Dr Awais |
| Vulnerability Assessment in line with various frameworks Code | 5th Month | 15 | M Faisal |

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|---|------------|----|---------------|
| Live classes for Offensive Security with the trainer | 5th Month | 30 | M Hasnain |
| RHEL Intensive – SysOps – Part - 1 | 6th Month | 23 | Kazim Sheikh |
| Section 6:-Going down the Rabbit Hole Security Group and NACL | 6th Month | 2 | Kazim Sheikh |
| PCI DSS Qualified Security Assessor Training | 6th Month | 2 | M Faisal |
| Decentralized Applications Development (dAPPs Web3) – Part-2 | 6th Month | 4 | Farhan Khan |
| Hacking 101 AKA ethical hacking and incident response mgmt. | 7th Month | 17 | M Faisal |
| Section 7:- How to write letter for bill adjustments & reversal of charges | 7th Month | 2 | Kazim Sheikh |
| Role of Security Within Blockchain | 7th Month | 10 | Farhan Khan |
| Python Flask | 7th Month | 10 | Abdeali Dodia |
| Decentralized Applications Development (dAPPs Web3) – Part-3 | 7th Month | 4 | Farhan Khan |
| RHEL Intensive – SysOps – Part - 2 | 8th Month | 23 | Kazim Sheikh |
| SIEM the HOA starting the journey | 8th Month | 2 | M Faisal |
| Section 8:- Setting up NAT Instance inline with AWS documentation & AWS NAT Gateway | 8th Month | 1 | Kazim Sheikh |
| Decentralized Applications Development (dAPPs Web3) – Part-4 | 8th Month | 3 | Farhan Khan |
| Statistics for Emerging Pathways | 9th Month | 5 | Dr. Awais |
| RHEL Intensive – SysOps – Part - 2 | 9th Month | 23 | Kazim Sheikh |
| Section 9:- VPC Peering Different Regions Amazon EBS | 9th Month | 2 | Kazim Sheikh |
| Role of Security Within Blockchain – Part-1 | 9th Month | 4 | Farhan Khan |
| RHEL Intensive – SysOps – Part - 3 | 10th Month | 23 | Kazim Sheikh |
| Section 10:- EC2 Pricing Strategy with Reserved Instance | 10th Month | 2 | Kazim Sheikh |
| Role of Security Within Blockchain – Part-2 | 10th Month | 4 | Farhan Khan |
| Web Application Pentesting & Ethical Hacking | 11th Month | 5 | M Hasnain |
| Elasticsearch threat Hunting and Observability Engineer + live classes | 11th Month | 30 | Osama Anwer |
| Section 11 :- EC2 Pricing Strategy with Saving Plans | 11th Month | 2 | Kazim Shaikh |
| Role of Security Within Blockchain – Part-3 | 11th Month | 2 | |
| Vagrant | 12th Month | 10 | Abdeali Dodia |
| SCADA Prevention & Detection an HOA | 12th Month | 2 | M Faisal |
| DeFi Application Development (DeFi, NFT and Tokens) Part-1 | 12th Month | 4 | Farhan Khan |
| Section 12 :- Placement group Strategy | 12th Month | 2 | Kazim Shaikh |
| CIS Top 20 Controls Hands-on Implementation | 13th Month | 6 | M Faisal |

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| SCADA, ISO 27019:2017 and NIST 800-82 connection | 13th Month | 3 | M Faisal |
| Ansible | 13th Month | 20 | Abdeali Dodia |
| Section 13 :- Dive deep into EBS Encryption | 13th Month | 2 | Kazim Shaikh |
| DeFi Application Development (DeFi, NFT and Tokens) Part-2 | 13th Month | 4 | Farhan Khan |
| Calculus for Emerging Pathways | 14th Month | 5 | Dr. Awais |
| Elasticsearch for Data Science and Analytics with Kibana + live classes | 14th Month | 30 | Saira Kaleem |
| Section 14 :- Building your own Amazon Machine Image | 14th Month | 2 | Kazim Shaikh |
| DeFi Application Development (DeFi, NFT and Tokens) Part-3 | 14th Month | 4 | Farhan Khan |
| Network Pen testing, and Ethical Hacking in line with various frameworks | 15th Month | 6 | M Hasnain |
| WEB APPLICATION PENTESTING WSTG-LABS | 15th Month | 8 | M Hasnain |
| Private Blockchain Part-1 | 15th Month | 3 | Tamoier |
| Kubernetes Live Sessions | 15th Month | 48 | Shams Ur Rehman |
| Kubernetes and Cloud Native (CKAD-Part 1) | 15th Month | 17 | Shams Ur Rehman |
| Section 15 :- Dive deep into Auto Scaling | 16th Month | 2 | Kazim Shaikh |
| Private Blockchain Part-2 | 16th Month | 3 | Tamoier |
| Section 16:- Automating Snapshots | 17th Month | 2 | Kazim Shaikh |
| Kubernetes Application Developer (CKAD-Part 2) | 17th Month | 19 | Shams Ur Rehman |
| Private Blockchain Part-3 | 17th Month | 3 | Tamoier |
| Section 17:- S3 Bucket creation versioning | 18th Month | 2 | Kazim Shaikh |
| Kubernetes Administration (CKAD-Part 3) | 18th Month | 15 | Shams Ur Rehman |
| Web Development Part-1 | 18th Month | 8 | Hassnat Mirza |
| Section 18:- Building RDS cluster in Multi AZ Prod setup | 19th Month | 2 | Kazim Shaikh |
| Machine learning Model Development and Deployment (Part 2) | 20th Month | 5 | Hasnain Ali Poonja |
| Kubernetes Security (CKAD-Part 4) | 20st Month | 17 | Shams Ur Rehman |
| Section 19:- Redshift Kinesis AWS Lambda DynamoDB | 20th Month | 3 | Kazim Shaikh |
| Web Development Part-2 | 20th Month | 9 | Hassnat Mirza |
| Section 20:- Route 53 | 21th Month | 2 | Kazim Shaikh |
| Section 21:- CloudFront Formation SQS CloudTrail | 22th Month | 2 | Kazim Shaikh |
| Section 22:- Connecting AWS VPC to On Premises | 23th Month | 2 | Kazim Shaikh |
| Section 23:- AD Connector for streamlining Identity Management | 24th Month | 2 | Kazim Shaikh |
| Hands-On Cloud Labs | | | |

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|---------------------------|------------|-----|-----|
| Hands-On Cloud Labs (AWS) | 24th Month | N/A | N/A |
|---------------------------|------------|-----|-----|