Qucoon

Simpler Future, now

Technology | Strategy | Consulting

Tech Skills Accelerator

Selection | Training | Apprenticeship | Placement

TeSA

Africa

THE PROBLEMS SOLVED

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85%

The percentage of IT jobs unfilled due to lack of competent candidates yearly.

- research

1 **Brain Drain:**
Massive emigration to Canada, United Kingdom, etc

2 **Increased Digitization:**

Industries are experiencing a very high rate of digitization, increasing the demand of skilled labor in IT and related professions & vocations

3 **School Curriculum Deficiency:**

University & Inhouse training curriculums are lacking in industry relevance, resulting in poor quality or inadequate resources.

Tech SKILLS ACCELERATOR PROGRAMME

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https://academy.qucoon.com/programs

TeSA Cohort 2

- *Architecture*
- *Software Engineering*
- *AI, Robotics & Machine Learning*
- *Project Management*
- *Quality Assurance*
- *Networking*
- *DevOps*
- *Cloud*

Jan – Mar '25

TESA SKILLS AREAS

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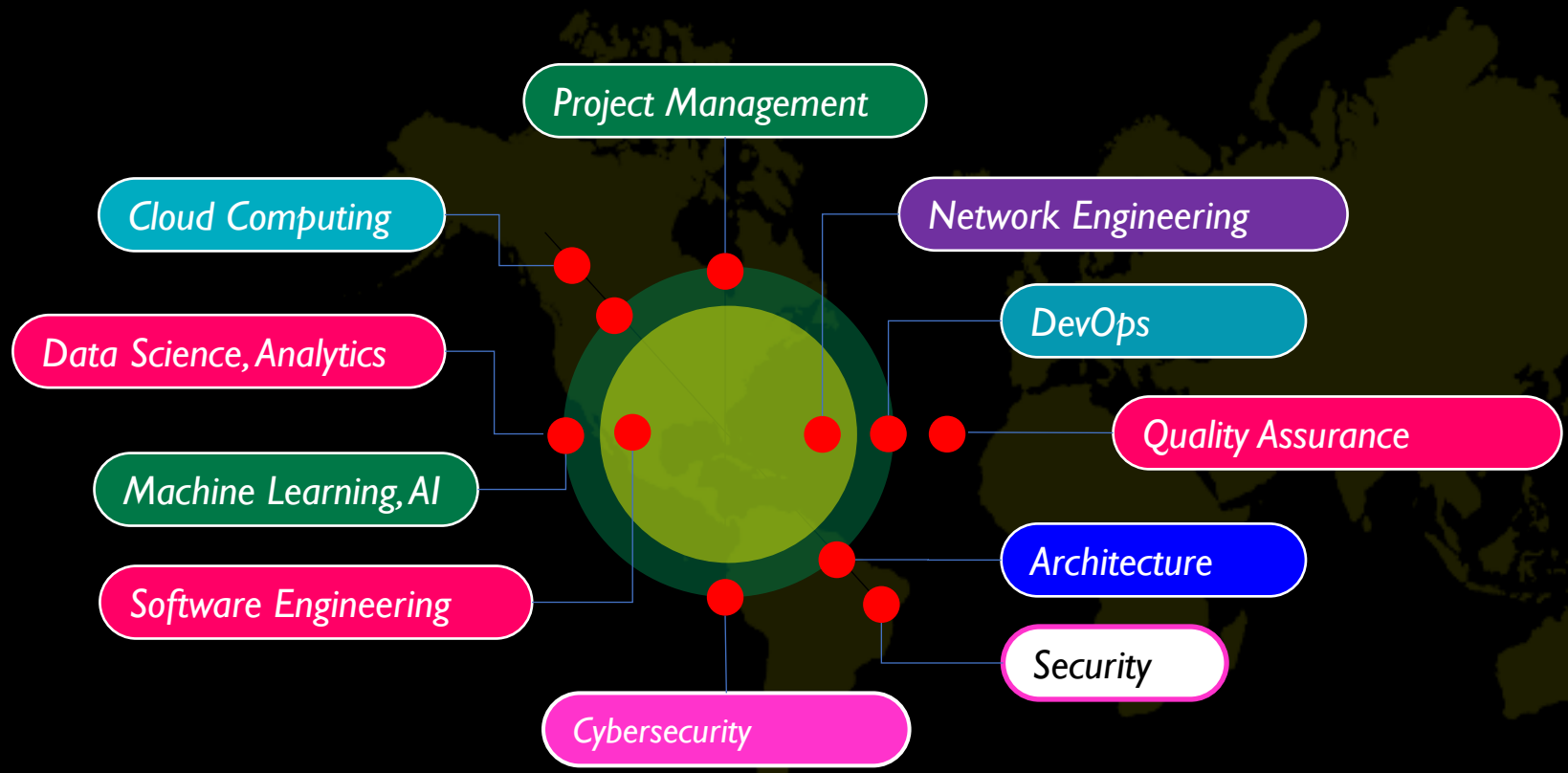

TESA GOALS

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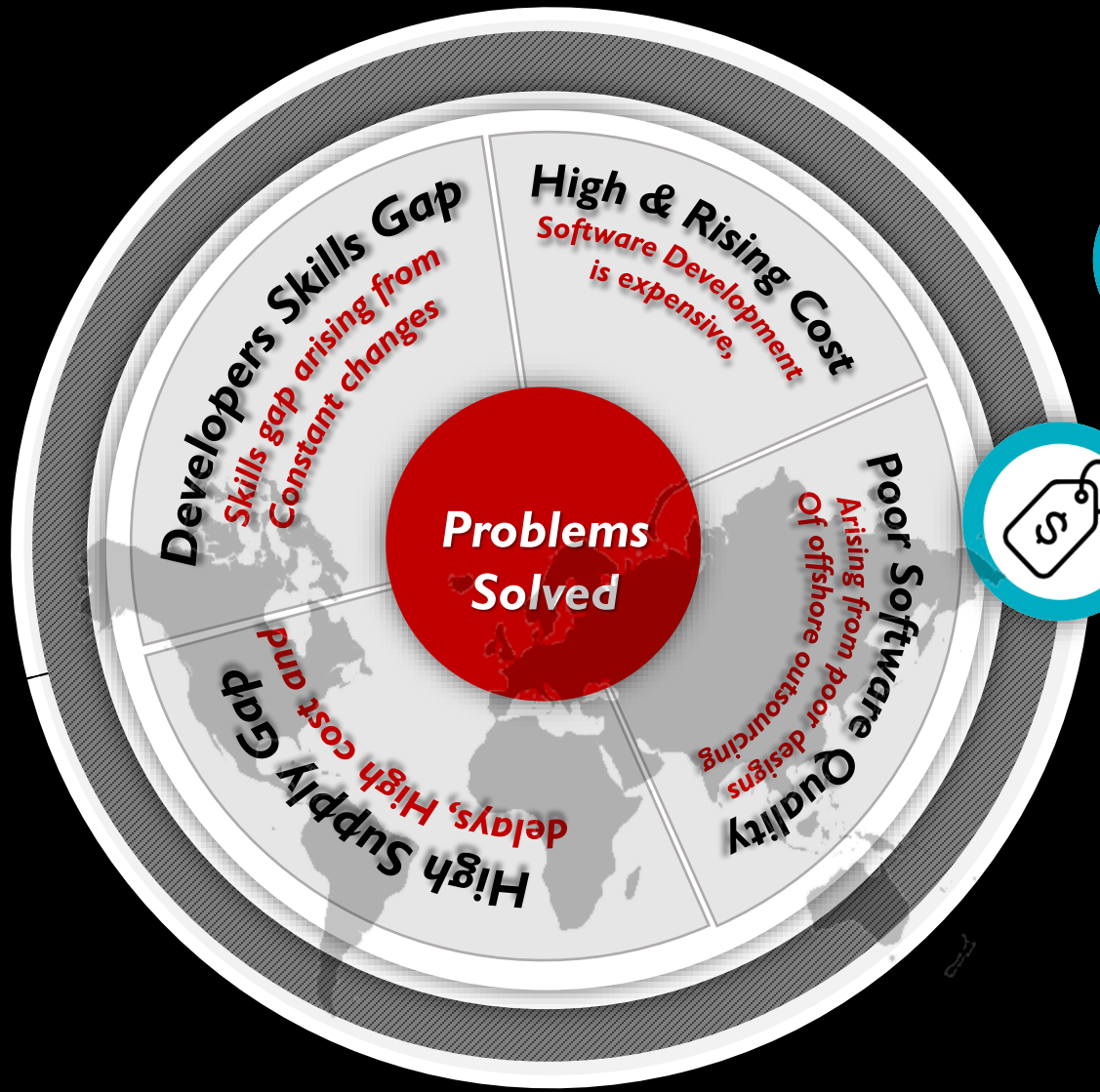

Access constant, reliable talents pool

Reduce resource cost, assure resource quality

Shorten recruitment and training Cycle

TeSA Curriculum: *building blocks from foundation to specialization:*

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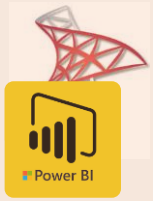
Foundation

Project Mgt., Bus. Analysis & AGILE



SQL Programming and Analytics

Enterprise Architecture & Software Engineering

Software Testing & Quality Assurance

Information Security

Soft Skills

Presentation & Comms Skills

Basic Data Analytics

Basic Accounting

Specialization

Data Science, BI & Analytics

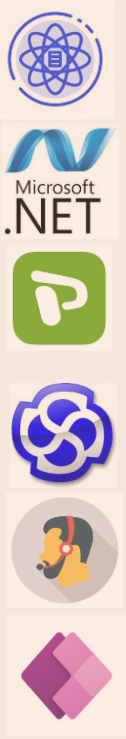
Software Engineering

Governance & Project Management

Enterprise Architecture

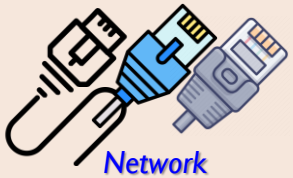
Robotics, AI & ML

Quality Assurance



Cybersecurity

Cloud Computing



Network Engineering

DevOps

Artificial Intelligence & ML

Target Skills & Specialization

TESA STRUCTURE

Curriculum, Courses:

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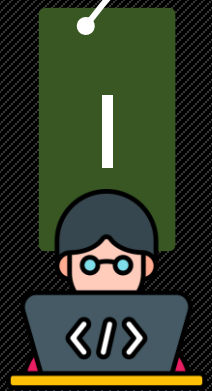


FOUNDATION TRAINING & ELECTIVES

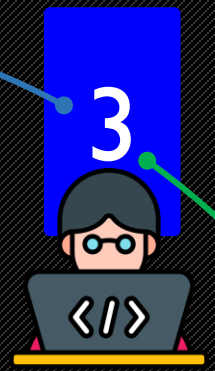
FOUNDATION COURSES:

DATA ANALYSIS
PRESENTATION SKILLS
BASIC ACCOUNTING
SOFTWARE TESTING
CYBERSECURITY
PROJECT MGT

SPECIALISATION TRAINING

INTERMEDIATE LEVEL COURSES:

PROJECT MANAGEMENT
USER EXPERIENCE DESIGNS
SOLUTIONS ARCHITECTURE
FRONT-END DEVELOPMENT
PRODUCT MANAGEMENT
QUALITY ASSURANCE
MACHINE LEARNING
DATA & ANALYTICS
DATA SCIENCE
DEVOPS
CLOUD



INTERNSHIP

@QUCOON IN SPECIALIZATION AREA

VERY RICH IN TOP QUALITY PROJECTS IN SPECIALIZATION AREAS.

Flexible

Automated Testing Platform

Technical & Business Skills Tests

Recruiter Specific Testing

Reliable

CERTIFICATION EXAM

IN SPECIALIZATION AREA OF CHOICE

TESA SELECTION PROCESS:

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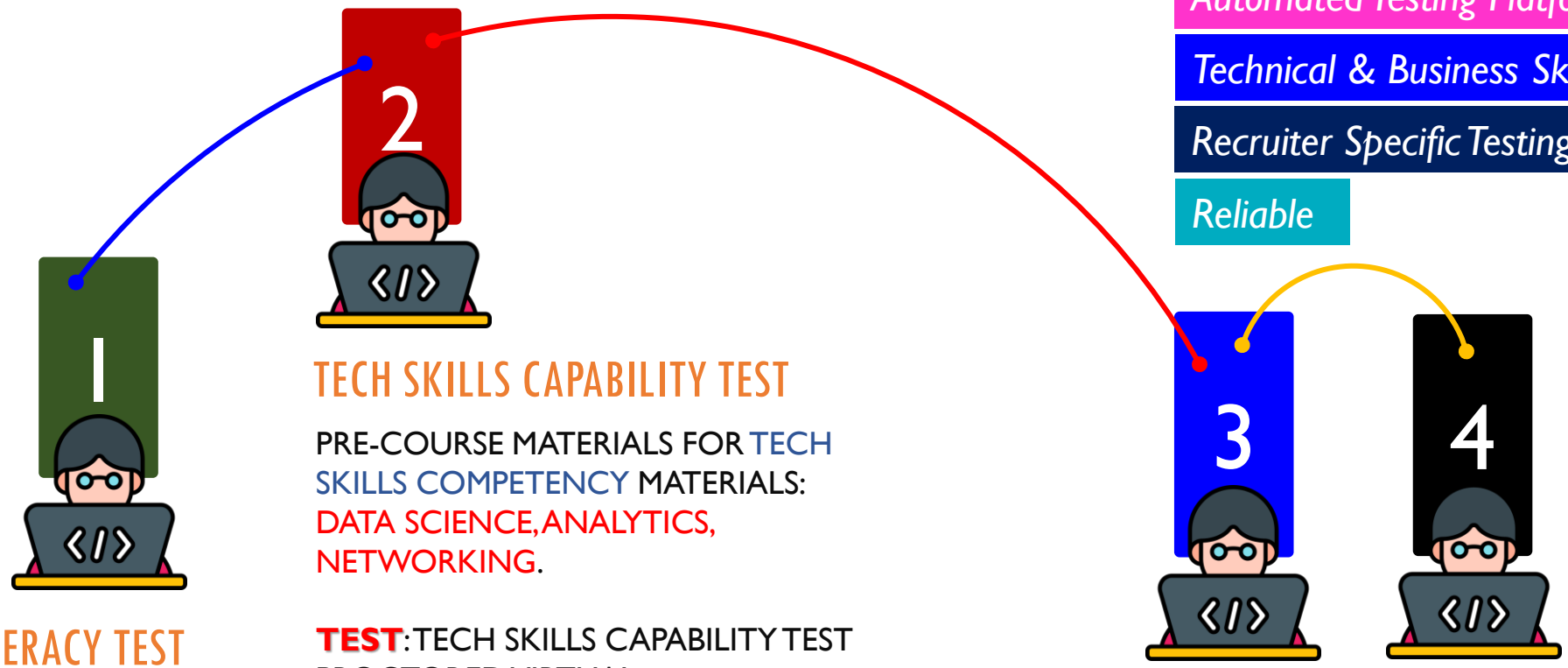
Flexible

Automated Testing Platform

Technical & Business Skills Tests

Recruiter Specific Testing

Reliable



NUMERACY TEST

TEST: BASIC MATHS TEST
PROCTORED,VIRTUAL

TECH SKILLS CAPABILITY TEST

PRE-COURSE MATERIALS FOR TECH SKILLS COMPETENCY MATERIALS: DATA SCIENCE,ANALYTICS, NETWORKING.

TEST:TECH SKILLS CAPABILITY TEST
PROCTORED,VIRTUAL

INTERPERSONAL SKILLS TEST

TEAM SKILLS, COMMUNICATION, LEADERSHIP SKILLS

INTERVIEW

QUCOON RECRUITER

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Curriculum:

Software Engineering

The academy supports the following development stacks across on-premise, Cloud and hybrid deployments.

Database

Multiple database support. SQL, MySQL, Oracle, Progress…

Microsoft SQL Server, Oracle Database, PostgreSQL

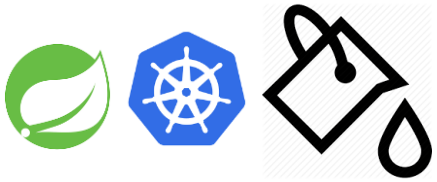
Language

Download your source codes in any language of choice

Microsoft .NET, Java, python, Kotlin

Architecture

Support for many architecture patterns – microservices, web, etc



Cloud

Supports deployment in multiple Cloud infrastructure

Microsoft Azure, aws

Univaciti

Curriculum:

Business Tools Skills

The academy supports the following Microsoft Office tools for office productivity and data analysis.

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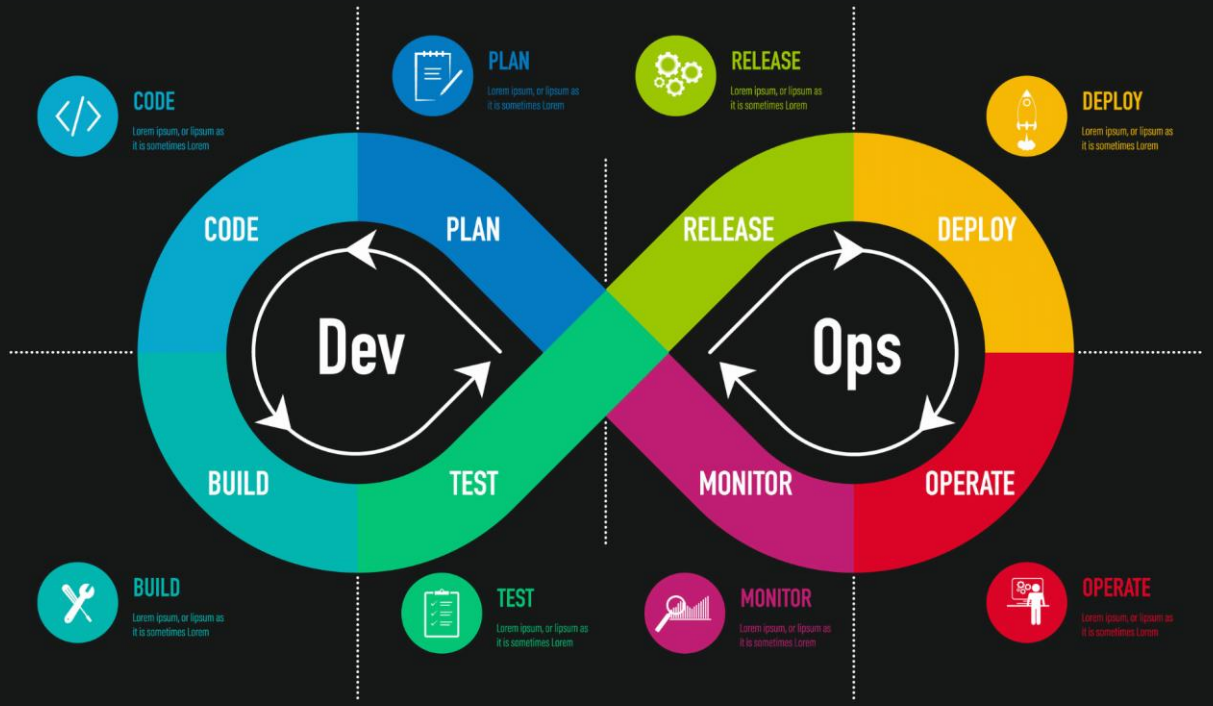
Curriculum:

DevOps Engineering

The academy supports the following DevOps stacks, processes and tool stacks across on-premise, Cloud and hybrid deployments.



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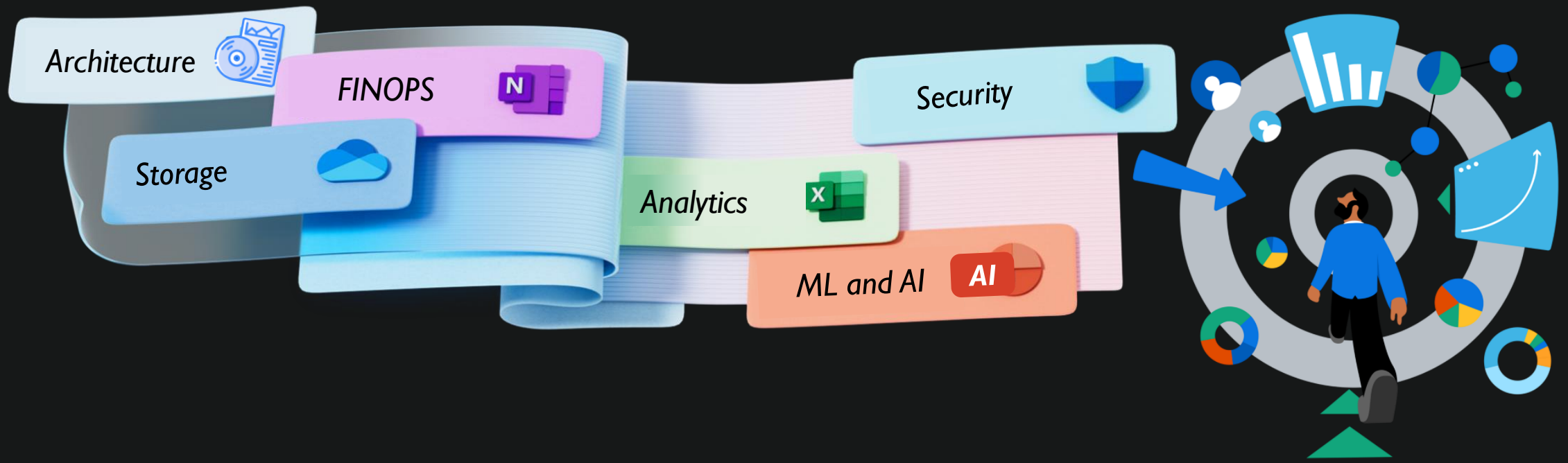
Curriculum:

Cloud Computing

The academy supports the following Cloud computing skills across the key Hyperscalers – Azure, AWS, HUEWEI and GCP



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TESA SUCCESS RECORDS

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COHORT 1

Dec 2024 – Jan 2025

24

60% Female

100% Employed

COHORT 2

Jan – Mar 2025

41

54% Female

100% Subscribed

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DEMAND</>SUPPLY

RECRUITERS DEMAND SKILLS QUARTERLY

Demand indicates the skills types and quantity

WE SUPPLY REQUESTED SKILLS QUARTERLY

Supply develops the skills in line with recruiters' specifications.

WE ABSORB 50% OF TRAINING & INTERNSHIP COST. RECRUITERS PAY 50%

JUSTIFICATION: COST

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HIRING COST	NGN 300,000
SKILLS TRAINING COST	NGN 5,000,000 ***
	NGN 5,300,000
2-YEAR SALARY DIFFERENTIAL	NGN 3,500,000 ++
TOTAL COST OF HIRING TESA-EQUIVALENT SKILLS	NGN 8,800,000
VERSUS: TESA COST:	NGN 3,000,000

*** *Cost of achieving the skills proficiency, traditionally would take 2 Years and 6 key high-quality courses at $1,200 per training (total: NGN8,000,000)*

++ *An employee of TESA skills level would cost NGN3.5m more over two years*

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Thank You

Qucoon Academy

TECH SKILLS ACCERATOR PROGRAMME

2025