



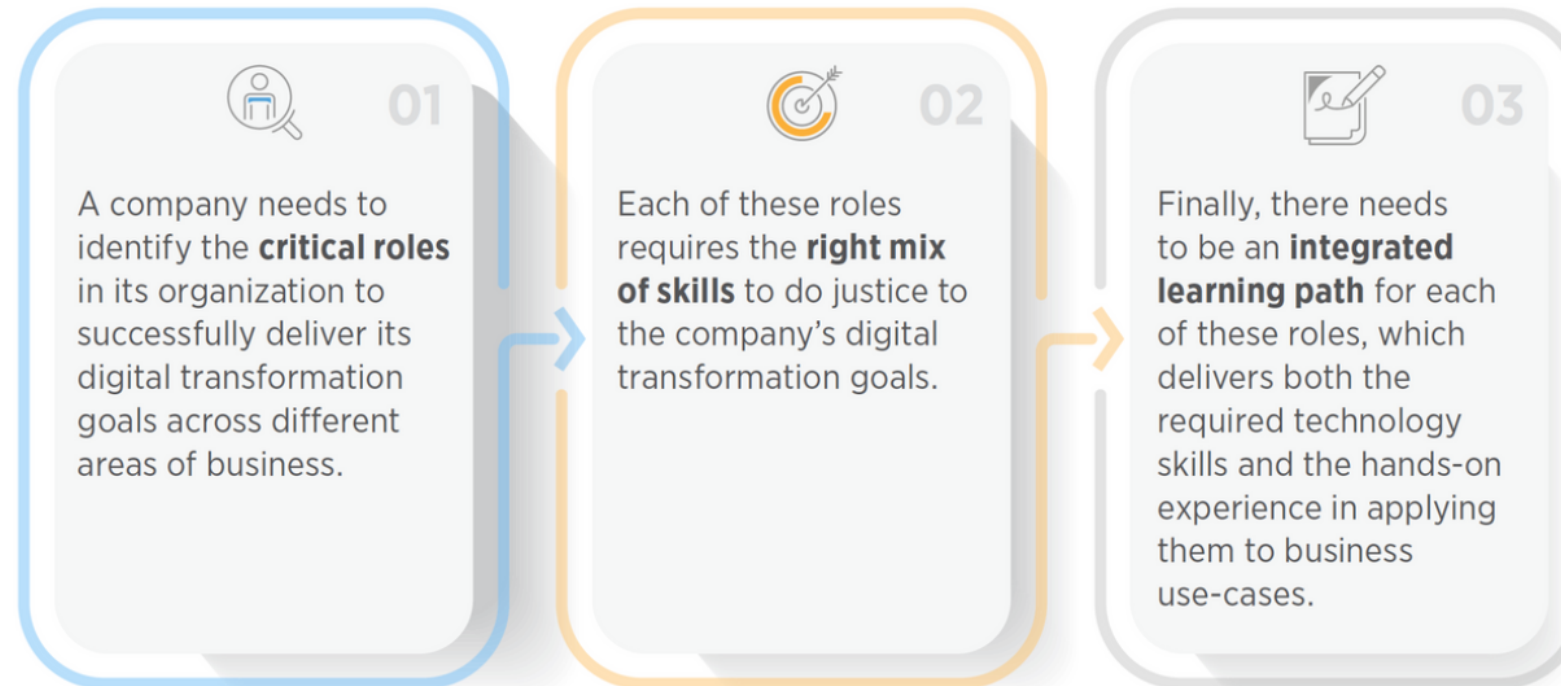
Role-based learning for Digital
careers.

Empowering the Youth through digital skills must be aligned to critical roles of a modern digital enterprise.

ARCHITECT • CLOUD
[AUTOMATION ENGINEER • DEVOPS
MANAGER • CLOUD TESTING] • FULL
DEVELOPER
ASSOCIATE • DIGITAL ANALYST • CYBER
SECURITY SECURITY SECURITY
INFORMATION MARKETING
AUDITOR SECURITY • QUALITY
ANALYST • BUSINESS
TRANSFORMATION
CONSULTANT • DIGITAL MANAGER • FULL
MARKETING
WEB STACK
DIGITAL
DATA SCIENCE & CAREERS
DIGITAL SCIENCE ROLE-BASED
DEVELOPER • BUSINESS
HACKER • INFORMATION
PROFESSIONAL
MANAGER MARKETING
EXPERT • ETHICAL
LEADER • BUSINESS
ENGINEER SPECIALIST • DIGITAL
ADMINISTRATOR • CLOUD ARCHITECT • DIGITAL
DEVELOPER CLOUD

We Follow a Role-Based Approach to Digital Skilling

This Means Three Things:



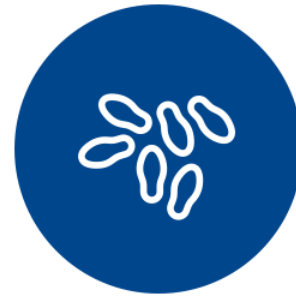
- This role-based approach is in contrast to a skills-based approach taken by many learning libraries, where the focus is more on a large collection of courses, each imparting a specific skill.
- Developing the skills base of your organization's talent might seem to be a simple matter of ordering skills-training courses out of a catalog as the need for each skill arises.
- However, this approach is reactive, and it leaves crucial skills unfilled while your employees take the training courses.

Identify Critical Roles

- Using the deep insights that we have into how companies in these industries operate and what the sectoral trends are, we have mapped the critical roles that drive these companies.
- These critical roles fall into four broad categories:
 - **Digital Business**
 - **Digital Operations**
 - **Data & AI, and**
 - **Technology**
- By collating the different organization structures across companies and industries, we have simplified this mapping of critical roles to serve as a framework for most organizations.
- It is important to understand that each organization may name these roles slightly differently.
- However, this set of roles comprehensively covers the talent needs of any organization looking at digitally transforming their business.

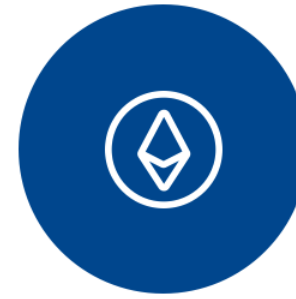
The critical roles fall into four broad learning categories:

Unlocking digital economy skills



Customizable content

Deviare's platform allows users to customize their learning experience by loading new content.



Digital Economy skills

Focuses on Data, AI, Cloud, Software engineering, Coding etc.



Certifications and accreditations

Provides certifications and accreditations with MICT SETA, QCTO, IITPSA & SACE for users to validate their skills.

Data & AI	Technology	Digital Operations	Digital Business
Data Science	Cloud Computing & Architecture	Agile & Scrum	Digital Marketing
Artificial Intelligence & Machine learning	DevOps	Project Management	Digital Transformation
Big Data	Cyber Security	Lean Six Sigma	Product & Design
	Software Development	IT Service & Architecture	

Role-based approach – Top Roles for Driving Enterprise Digital Transformation



Digital Business [9 roles]

Leveraging digital technologies to create new business models and customer experiences

Business Strategy

- Business Analyst
- Business Architect
- Digital Transformation Leader
- Business Consultant

Product Management

- Product Manager
- UX Specialist

Digital Marketing

- Digital Marketing Associate
- Digital Marketing Specialist
- Digital Marketing Manager



Data & AI [7 roles]

Using data and artificial intelligence to drive insights and automation

Data Engineering

- Big data engineer

Data Science

- Data analyst
- Data scientist

Artificial Intelligence

- Deep learning engineer
- Machine learning engineer
- NLP engineer
- AI architect



Technology [15 roles]

Adopting the latest technologies to enable digital transformation

Cloud infrastructure

- Cloud administrator
- Cloud architect
- Cloud developer
- Cloud engineer

Cyber security

- Cloud security professional
- Security analyst
- Cyber security expert
- Ethical hacker
- Information security manager
- Information security auditor

DevOps

- DevOps engineer
- Release manager

Software Development

- Full Stack web developer
 - Quality engineer
 - Full Stack developer
- [Automation & testing]



Digital Operations [6 roles]

Optimizing operations through digital processes and tools

IT services

- IT service manager
- Systems architect

Operations

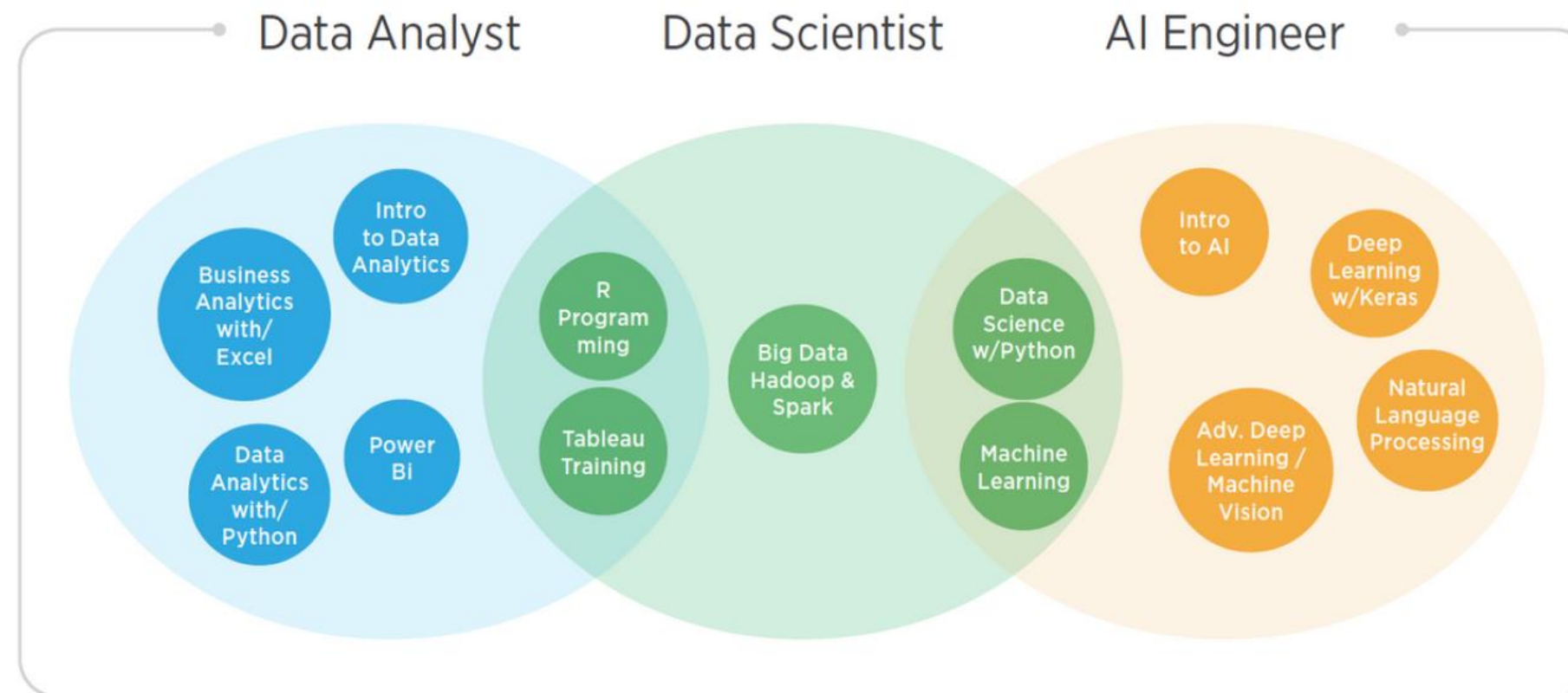
- Project manager
- Lean six sigma expert

Agile manager

- Agile & scrum manager
- Agile project owner

Map the Skills Needed for Each of These Roles

- We have analyzed the skills each digital job role requires. Each role has a specific complement of skills that are essential to success in that role.
- The skill mapping done for each role is based on the skills that drive successful outcomes across different organisations and gets continuously updated.
- As technologies change and businesses innovate, Deviare refreshes the skill mapping for these Roles to adapt to these shifts.
- The figure below shows an example of mapping Data Science skills to Data Science job Roles. Similar skills mapping is done for each of the key Roles in the comprehensive set.



We design programmes that meet diverse learning needs



Skill Focused Courses



Role Aligned Learning Paths

Program Duration	up to 3 months	3-12 months
Certification Type	Industry Certification	Industry Certification
Offering Range	100+ Skills	35 roles
Sample Programs	<ul style="list-style-type: none">• Machine Learning• PMP Certification• Agile Scrum Master• CEH Certification• Awareness/Practitioner skills across domains	<ul style="list-style-type: none">• Data Scientist• Data Analyst• Data Engineer• AI Engineer• Cloud Architect

With QCTO & MICT SETA ACCREDITATION

MICTSETA | Media, Information And Communication Technologies Sector Education And Training Authority
 SHAPING SKILLS. PIONEERING INDUSTRIES. EMPOWERING FUTURES

Statement of Results

Learner Detail:
 First Name: Akhona
 Middle Name: [REDACTED]
 Last Name: Tati
 National ID: 860412 0375 085

Provider Detail:
 Trade Name: Deviare (Pty) Ltd
 Accreditation No: ACC/2019/07/0020

Unit Standards Achieved

SAQA ID	UNIT STANDARD TITLE	NQF LEVEL	CREDITS
115360	Demonstrate fourth generation language computer programming skills	5	7
115387	Apply the principles of creating a computer program using a procedural programming language in a GUI environment	6	14
114049	Demonstrate an understanding of Computer Database Management Systems	5	7
115373	Demonstrate an understanding of sort and search techniques used in computer programming	5	6
115382	Apply the principles of creating computer programs containing advanced algorithms using a procedural programming language	6	12
115381	Apply the principles of creating a computer program using an OOP language in a GUI environment	6	12
115378	Demonstrate an understanding of advanced object-oriented programming	6	14
115367	Demonstrate logical problem solving and error detection techniques	5	8
114049	Demonstrate an understanding of Computer Database Management Systems	5	7
259277	Perform requirements analysis	6	25

Date of Issue: 2020-11-13
 Endorsement Number: SRN.MICT/ETQA/MAN/1101344

Siphesihle Ngubane
 Siphesihle Ngubane
 Acting Senior Manager: ETQA
 MICT SETA

NQF and Skills programmes SAQA-aligned accreditation



256 Glyn Street, Hatfield, Pretoria, 0083
 Private Bag X278, Pretoria, 0001
 +27 12 003 1800
 Enquiries: Makhosha.p@qcto.org.za
 Tel: 012 003 1843 / 5626 / 0103

www.qcto.org.za

Accreditation Number: 07-QCTO/SDP170223130143

Head of Institution
 Organisation Unique ID: 2017/263701/07
 Accreditation Unique ID: SDP170223130143
 Deviare (Pty) Ltd
 Website Address: www.deviare.africa
 Contact Number: 0662353990
 52 Old Kilcullen Road, Hurlingham, Bryanston
 Johannesburg
 Gauteng
 2012

E-mail: charity.wadi@deviare.africa baxolile.mabinya@deviare.africa

Dear Ms Charity Wadi

Accreditation of Deviare (Pty) Ltd Trading as Deviare as a Skills Development Provider (SDP)

The subject above refers:

The Quality Council for Trades and Occupations (QCTO) has set policies to accredit Skills Development Providers (SDPs). This is to ensure that education and training in occupations and trades offered in the country are credible and valid. This is in accordance with the Skills Development Act (SDA), (Act No 97 of 1998) Chapter 6C as well as the Continuing Education and Training Act 16 of 2006.

The QCTO, after receiving your application, conducted a site inspection of the above institution premises, and we hereby accredit Deviare to offer the following qualifications/programmes at the above accredited physical address for a period of 5 Years starting from 2/6/2023 10:52:00 AM to the 2/5/2028 10:00:00 PM:

Qualification / Programme Title	NQF Level	ID or OFO Code	Minimum Credits
Occupational Certificate: Data Science Practitioner	NQF Level 05	118708	185
Occupational Certificate: Software Developer	NQF Level 05	118707	220
Occupational Certificate: Artificial Intelligence Software Developer	NQF Level 05	118792	209
Occupational Certificate: Cloud Administrator	NQF Level 04	118699	149

Yours sincerely

Manuel R Mbuwe
 Mr Manuel R Mbuwe
 Chief Director: OQA
 Date: 2/6/2023 10:52:00 AM
 Accreditation Number: 07-QCTO/SDP170223130143

Whilst all reasonable steps are taken to ensure the accuracy, completeness and integrity of the information contained herein, the Quality Council for Trades and Occupations accepts no liability or responsibility whatsoever if the information is, for whatsoever reason, incorrect. Nothing will limit any of our liabilities in any way that is not permitted under applicable law, or exclude any of our liabilities that may not be excluded under the applicable law. The Quality Council for Trades and Occupations reserves its right to amend any incorrect information. Accreditation Number: 07-QCTO/SDP170223130143



What does the future look like to you? Let's start a conversation.

www.deviare.africa

connect@deviare.africa