

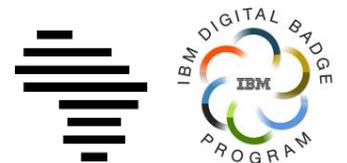


“

Our mission is to empower Africans with digital skills and tools to help improve their day to day life and allow them access to a wider range of opportunities

”

IBM Digital – Nation Africa



What is D – NA?



The IBM Digital – Nation Africa program is a platform that aims to empower Africans in digital literacy. The program will enable African citizens, entrepreneurs, and communities with the knowledge, tools, and skills to innovate, design, develop, and launch their own digital solutions. D - NA will also help Africans find jobs that best fit their skills.





Why should you choose D – NA?

D – NA will help develop skills on emerging technologies

Will enable digitization of both government and commercial services

Will raise opportunities for digitally skilled individuals to offer freelance services across the world

The program helps with existing job vacancies to be filled by national labor force

Many organizations lack relevant skills in the local labor market for positions remaining open

D – NA promotes and enables innovation

African challenges can be solved by African innovations

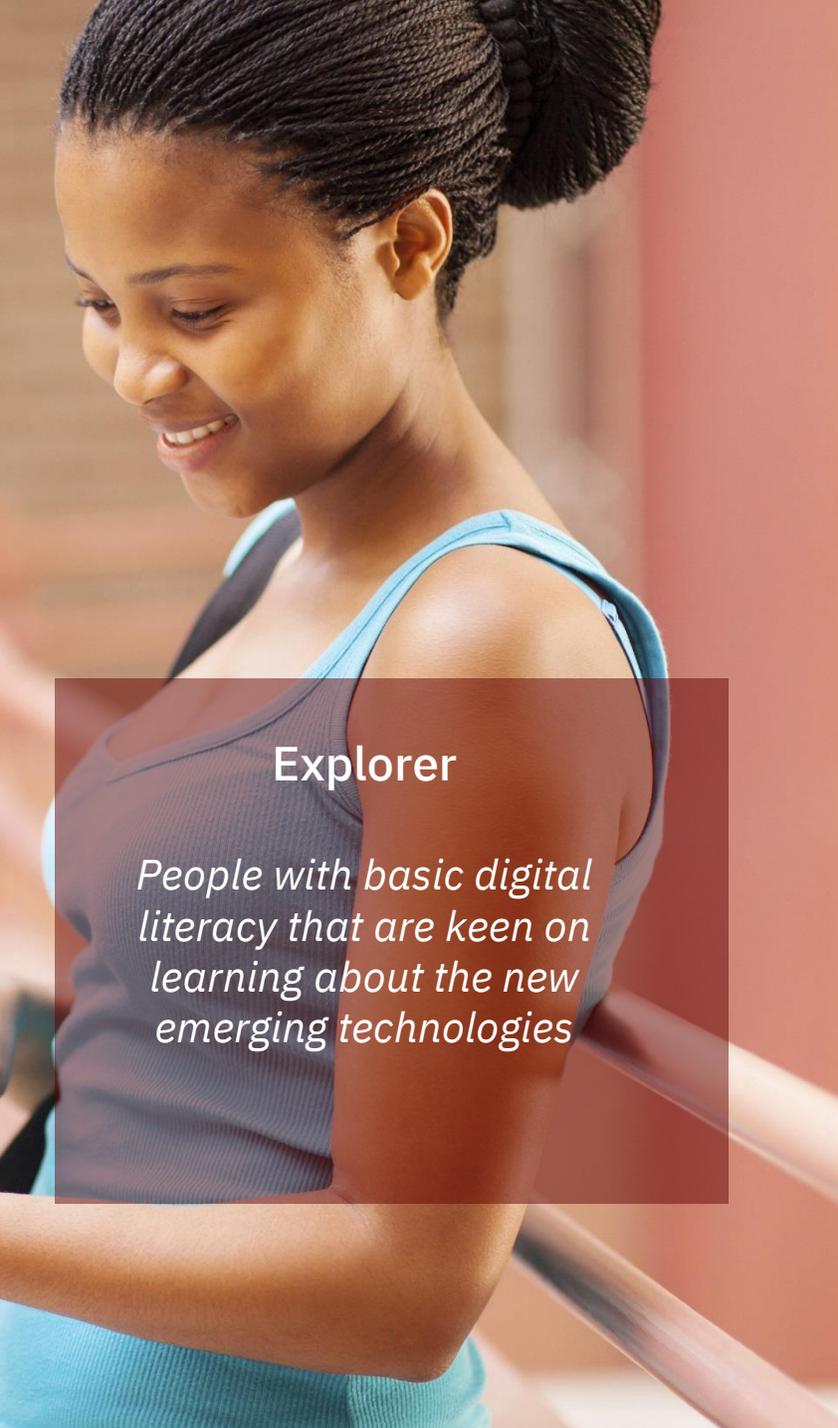
Innovation can fuel entrepreneurship

Reduce dependency on technology imports

The IBM Digital - Nation Africa program offers a cloud-based learning and enablement platform, providing digital competency and nurturing innovation in Africa. The platform includes Watson artificial intelligence, which communicates with the user to build a profile, gives an overview of the current job market and suggests multiple learning paths.

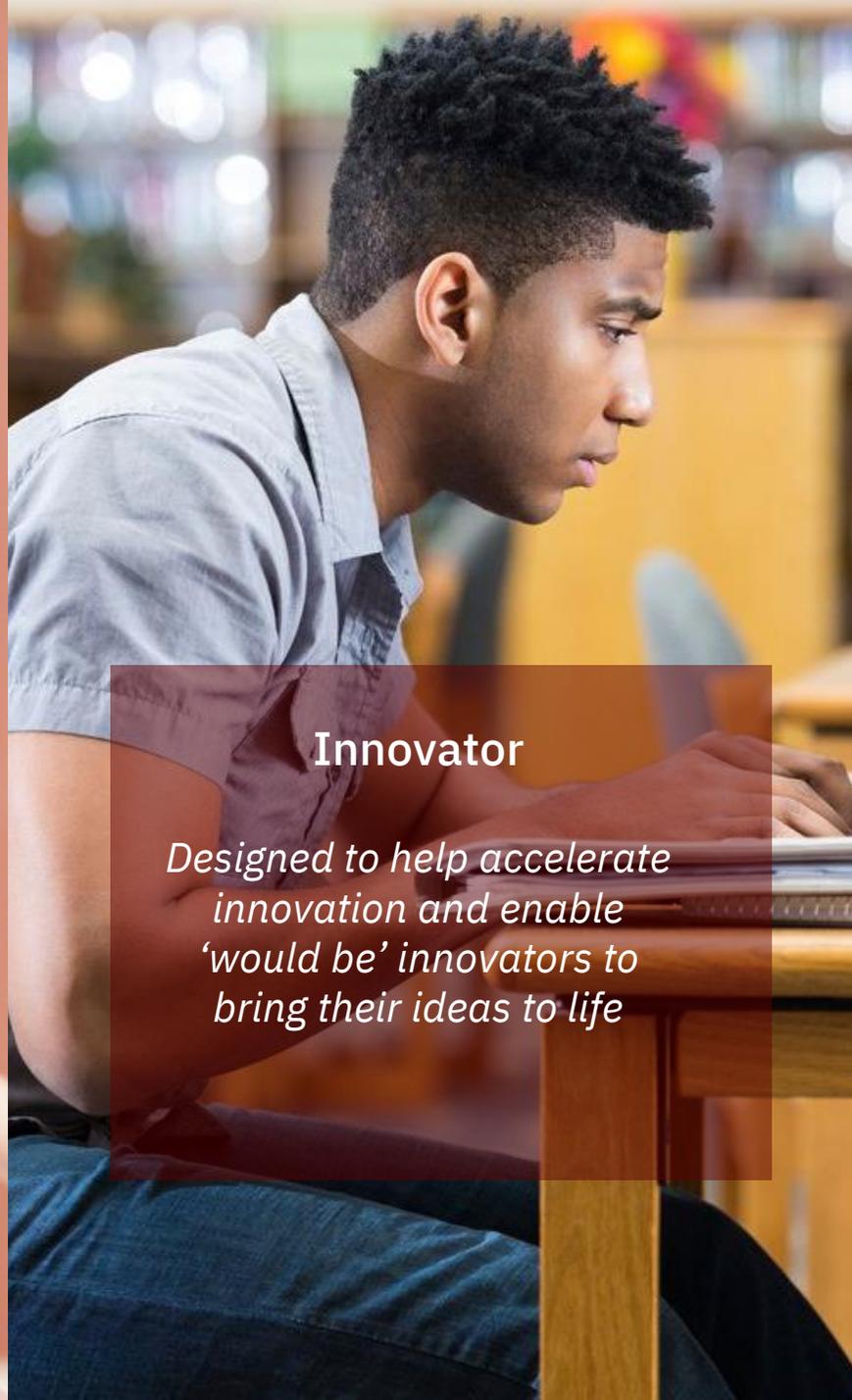


Cloud and AI



Explorer

People with basic digital literacy that are keen on learning about the new emerging technologies



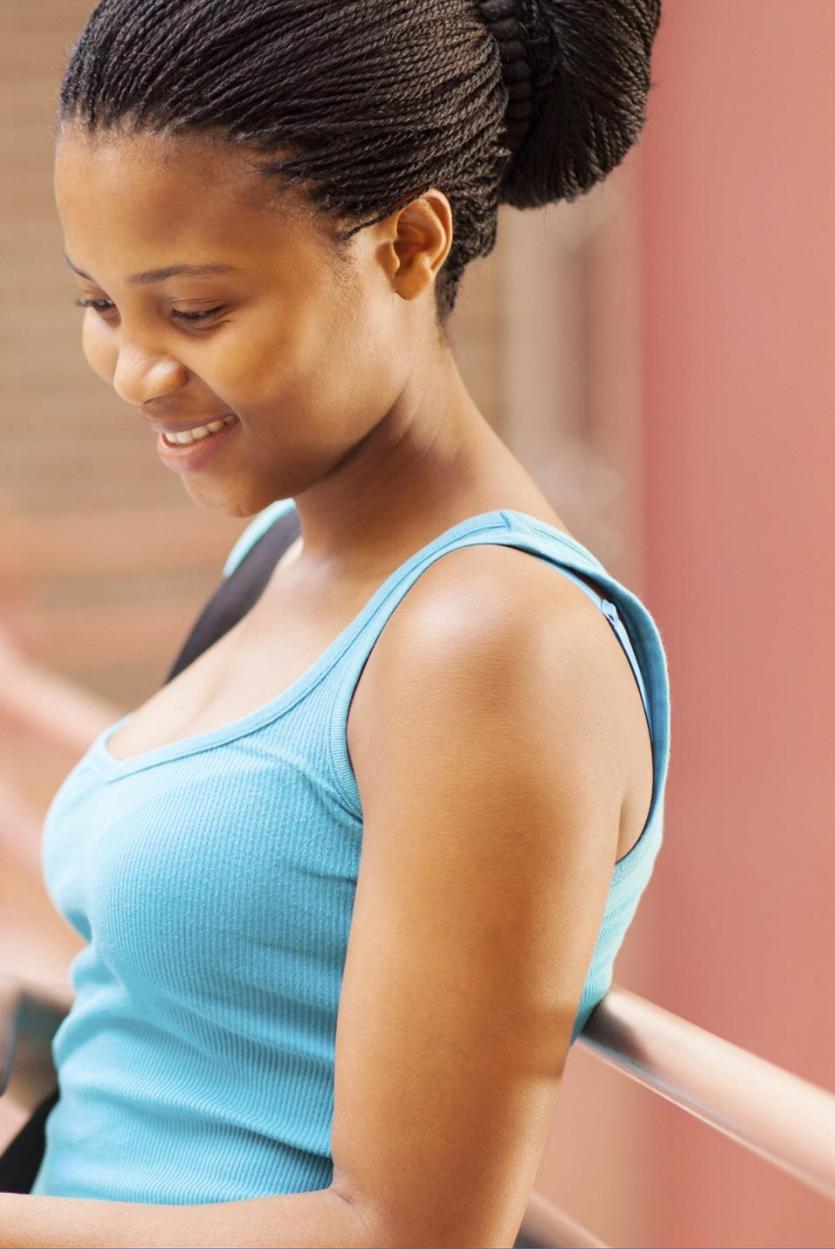
Innovator

Designed to help accelerate innovation and enable 'would be' innovators to bring their ideas to life



New Collar

For those who want to align their skills to the requirements of the job market and seek better employment opportunities



Cognitive & AI



Data science & Analytics



Cloud

Introduction	<ul style="list-style-type: none"> What is Artificial Intelligence IBM Watson: How it works 	<ul style="list-style-type: none"> How it works: The Business of Data Data science: Defining the future of Data 	<ul style="list-style-type: none"> What is Cloud – the future of Cloud computing PDF – What is Cloud PDF – What is IBM Cloud
Case studies	<ul style="list-style-type: none"> IBM Watson & the cognitive dress Oncology group leverages IBM Watson Behind the scenes of “Not Easy” 	<ul style="list-style-type: none"> Predicting environment changes real-time Girl Scouts leverages IBM Big Data Slashing energy costs with Data Science 	<ul style="list-style-type: none"> HotelsCombined Expanding with Cloud Fabler Studios and IBM Cloud Sonnet simplifies Home and Auto Insurance
Content type	<i>Mainly videos with some text. Downloadable transcript available for videos.</i>	<i>Mainly videos with some text. Downloadable transcript available for videos.</i>	<i>Mainly videos with some text. Downloadable transcript available for videos.</i>
Additional Material	<i>Objectives, summary, quiz, and next steps for additional learning resources</i>	<i>Objectives, summary, quiz, and next steps for additional learning resources</i>	<i>Objectives, summary, quiz, and next steps for additional learning resources</i>



Internet of Things



Blockchain



Security

Introduction	<ul style="list-style-type: none"> How it Works: Internet of Things 	<ul style="list-style-type: none"> How it works: Blockchain PDF: Intro to Blockchain What is the difference between Bitcoin and blockchain? 	<ul style="list-style-type: none"> How it works: Cybersecurity
Case studies	<ul style="list-style-type: none"> IBM helps protect endangered rhinos Jefferson Hospital and Watson IoT Pfizer taps IBM for Research Collaboration 	<ul style="list-style-type: none"> Using blockchain to prevent counterfeit drugs Walmart’s food safety solution Building a trusted digital identity 	<ul style="list-style-type: none"> IBM security helps Wimbledon Protecting students data Protection against insider threats
Content type	<i>Mainly videos with some text. Downloadable transcript available for videos.</i>	<i>Mainly videos with some text. Downloadable transcript available for videos.</i>	<i>Mainly videos with some text. Downloadable transcript available for videos.</i>
Additional Material	<i>Objectives, summary, quiz, and next steps for additional learning resources</i>	<i>Objectives, summary, quiz, and next steps for additional learning resources</i>	<i>Objectives, summary, quiz, and next steps for additional learning resources</i>

EXPLORER

The Journey

1. Get **INSPIRED**,
spark ideas

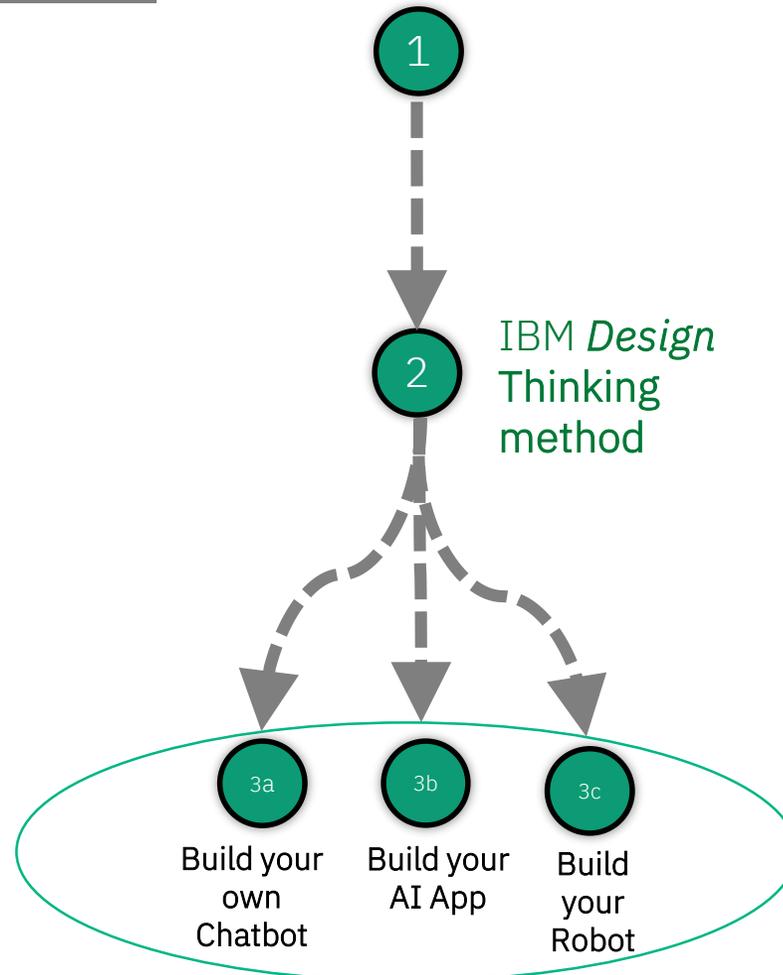
2. **DESIGN** with
the *Design Thinking*
method (idea into
prototype)

3. BUILD

- Chatbot
- AI
- Robot

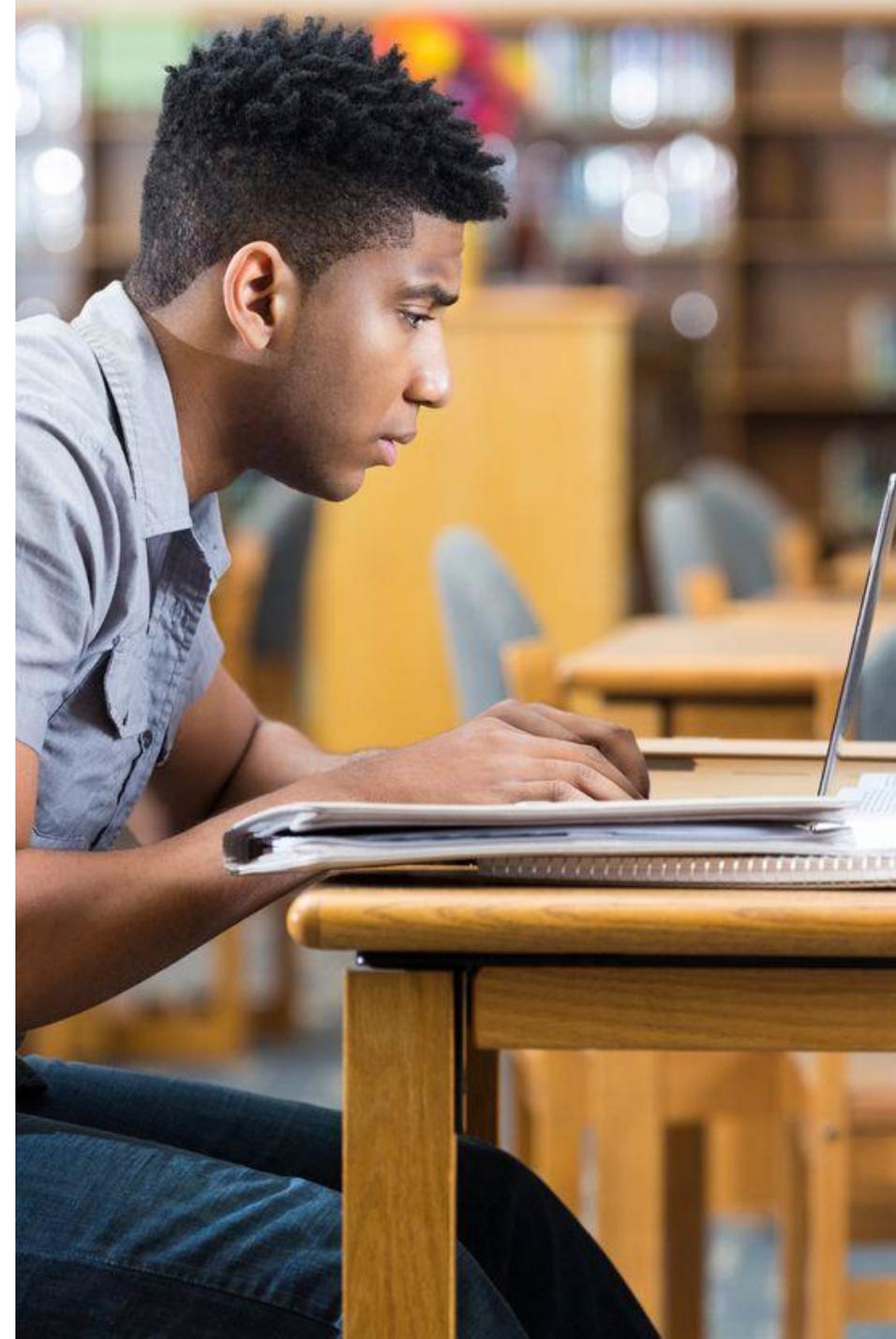
INNOVATOR

Apps & Ideas by
IBM & Partners



*3a, 3b, 3c are all part of the AI
innovation track.*

*In the future we will add more
innovation tracks such as IoT,
Blockchain, Data Science.*





Access Skills for Job Roles

- Web App Developer*
- Cloud App Developer*
- AI Analyst*
- Blockchain Developer*

60+
hours of learning
(Includes quizzes, and an integrated lab environment)



LOOK

for Jobs

Self-paced

21 skills

NEW COLLAR

Build your Profile

Chat with WATSON using our **New Collar Advisor** tool

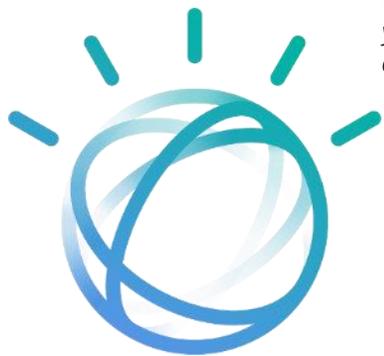
Which university did you attend?

What was your major in college?

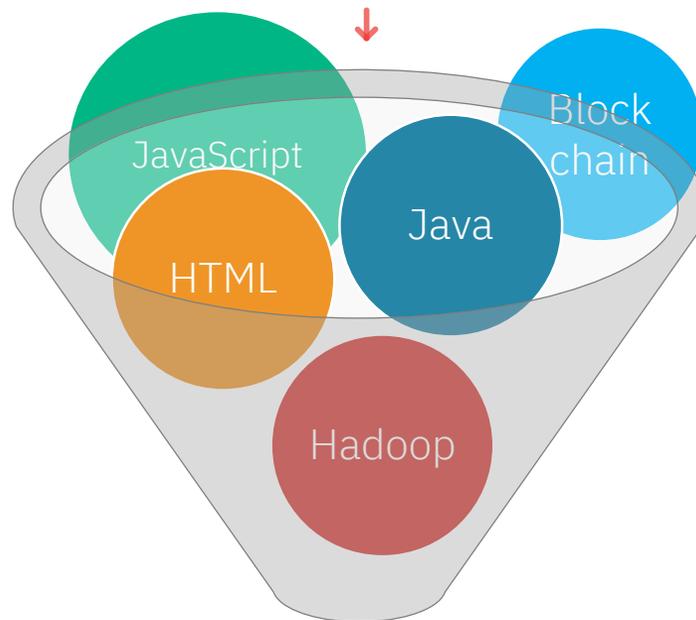
What skills do you have?

Do you have any working experience?

Did you graduate?



Enter Skills



Relevant Jobs



Skill Gap Analysis



Add missing skills to your learning journey through D – NA learning paths

Did you know
WATSON
can filter
jobs
relevant to
user's skills?

Filter by Watson

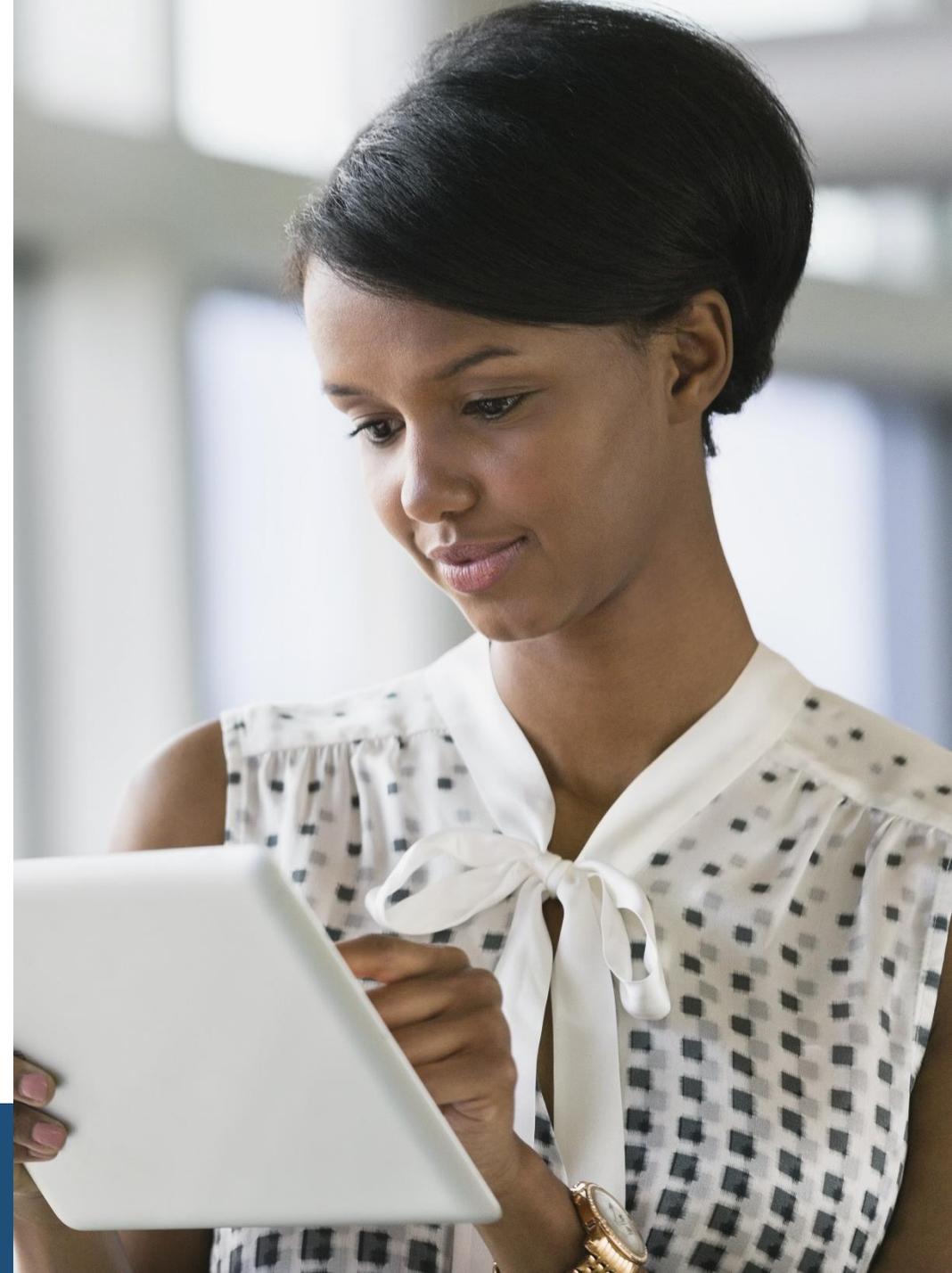
NEW COLLAR

What is an IBM Digital Badge?

Your achievements will be represented by a digital image that contains verified metadata describing your qualifications and the rigorous process necessary to earn them.

Benefits

- Combine your credentials to form a complete overview of your skills
- Display your accomplishment in your e-mail signature
- Display your qualifications on social and professional networking site
- Provide employers with easy, valid verification of your credentials



Earn IBM Digital Badges with D - NA



Come and be a part of the digital world today

Visit us online at developer.ibm.com/Africa