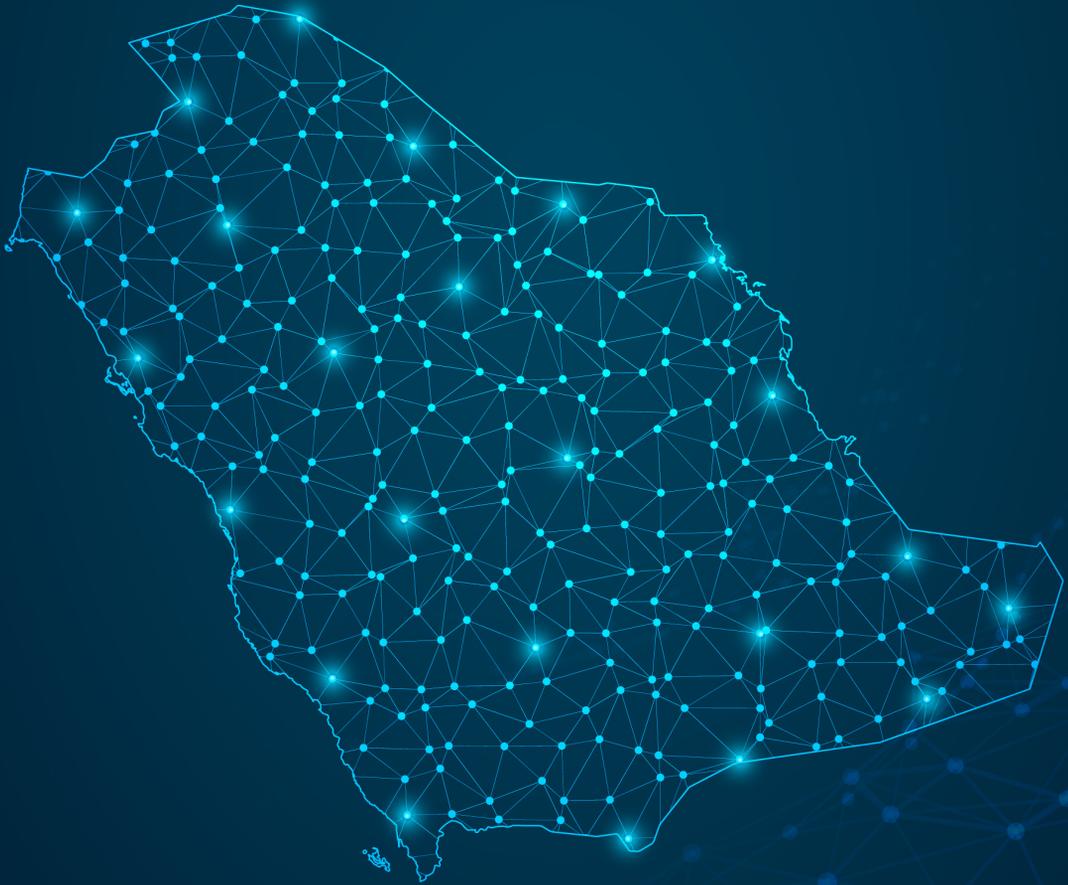




هيئة الحكومة الرقمية
Digital Government Authority

Digital Government Capacity Development Program Quodrat-Tech



October 2021

Content Table

1	Introduction	3
2	About Quodrat-Tech	5
3	Quodrat-Tech Program Role	8
4	Quodrat-Tech Program Methodology	10
5	Diverse Paths of the Future Leadership	12
5.1	The Digital Leadership Path	
5.2	The Digital Skill Path	
5.3	The Elite Path (In Partnership with the Ministry of Communications and Information Technology)	
5.4	The Professional Training Path (In Partnership with the Ministry of Communications and Information Technology)	
5.5	The E-Training Path (In Partnership with the Ministry of Communications and Information Technology)	
6	Leadership Investment .. Future Investment	19
7	Annexes	20



1

Introduction



Introduction

The Digital Government Leadership Development Program (Quodrat-tech) was launched by the Digital Government Authority in order to promote and empower the digital transformation plans in the government sector of the Kingdom through the development of human capacities and skills, in line with the targets of digital transformation, in the Kingdom's ambitious vision 2030. The Digital Government Authority has launched the program in partnership with the Saudi Digital Academy in addition to the Future Skills Program, which both are affiliated with the Ministry of Communications and Information Technology, besides to elite international universities including "MIT" and Columbia Business School from the United States of America.

The Program includes many paths represented in; Digital Leadership Path, Digital Skill Path, Professional Training Path, Electronic Training Path, and Elite Path.

Through (Quodrat-tech) Program, the Digital Government Authority ensures its commitment to elevating the digital capacities of those who work in the government sector as a strategic objective, as being considered as the cornerstone in the journey of digital government transformation, for the sake of achieving the Kingdom's digital leadership, worldwide.

The Digital Government Authority is the authority competent with the digital government's works as being the organizer of the digital government services, and it works on achieving complementarity among the government bodies regarding digital services, participating in preparing the related education and training programs, and conducting studies and researches in the same field, along with promoting investment in digital services.



2

About Quodrat-Tech

About Quodrat-Tech



Vision

Building a Digital Community that contributes to increasing the efficiency of the national cadres, which shall be a central pillar in the digital transformation journey to achieve the targets of the Kingdom's Vision 2030.



Mission

Building and Strengthening the national human capacities in the digital government sector.



Objectives

Enhancing the development of the digital skills for the national competencies in the government sector, through a simple, dedicated, and continuous learning experience.

Quodrat-Tech Definition

A community-based initiative launched by the Digital Government Authority providing integrated training solutions for continuous learning in the field of technology and Digital Transformation, as well as providing a series of outstanding qualitative programs according to the highest standards of training and education. The Initiative includes a pioneering educational gathering that brings experts, specialists, and those who are interested in the field of Digital Transformation and Emerging Technologies together.

The E- platform “Quodurat-Tech” provides innovative educational technologies that combine blended learning with synchronous learning, and empower the experts, specialists, and those who are interested in the field to participate socially, by sharing their technological and practical experiences to enhance both Collaborative Learning and Digital Consciousness.

At the Digital Authority, we seek to develop the educational content in partnership with the finest and best local and international education and training bodies and conduct partnerships with international universities to benefit from international expertise and experiences to ensure the quality and efficiency of learning.

The Bodies participating in the Program:





3

Quodrat-Tech Program Role

Quodrat-Tech Program Role



1. We contribute to the development and design of training programs for employees of government bodies employees in digital transformation programs.



2. Building a digital society that contributes to increasing the technical competencies of national cadres to be a mainstay in the digital transformation journey and achieving the Kingdom's Vision 2030.



3. We support international partnerships with educational institutions and research centers to adopt best practices and learn about new technology.



4. We encourage and support institutions and individuals in the government sector and enable them to participate in international forums.



5. Program content focuses on digital transformation needs and the latest technologies and practices in the design, management, and governance of digital products.



6. We enhance knowledge communication related to digital transformation in the Kingdom of Saudi Arabia by establishing effective partnerships with well-known international universities and centers.



7. We aim to build a digital community that interacts with the latest technologies and effectively contributes to the digital transformation process.



8. We motivate and reward the government digital community for its efforts in developing and building competencies and skills to achieve the goals of digital government platforms.



4

Quodrat-Tech Program Methodology

Quodrat-Tech Program Methodology

1

Special Learning

The program offers multiple paths and courses that match its learning interests to meet the educational aspirations.

2

Interactive Learning

Learners benefit from engaging with the community of learners to broaden understanding, collaborate with like-minded people, develop relationships, and make new friends.

3

Increase Digital Capabilities

The program has developed a variety of training paths and programs that contribute to building and developing the professional skills necessary for future leaders in digital work.



5

Diverse Paths of the Future Leaders

Diverse Paths of the Future Leaders

5.1 Digital Leadership Path

(Quodrat-Tech) program is designed to develop the skills of executive leaderships who are working in government bodies, including business leaders and IT managers, to achieve the vision and values of the digital government. The digital leadership path was created specifically to develop leaders' skills in relation to digital issues, and it consists of several development courses that include international tours, workshops, and conferences to learn about the best global technical practices.

Digital leadership path specializations

A. Digital Consulting Specialization

This specialization includes a specialized program in change management, followed by an international training program or attendance at a specialized international workshop, and concludes with a graduation project that includes 20 working hours of consulting services to government bodies.



Target Category:

Employees working in the digital and technology consulting sector.



Path Objectives:

1. Establishing a digital community specialized in the government sector in the field of digital consultations.
2. Developing leaderships working in the field of digital transformation to achieve the objectives of the Kingdom of Saudi Arabia in digital transformation.
3. Establishing a database of qualified people to assist government bodies through consultations or various knowledge participation.

Path Requirements:



1. The beneficiary holds a government position in the field of digital transformation.
2. The beneficiary must fulfill all requirements related to training programs.
3. The beneficiary is obligated to fully attend the training course.
4. Work experience should not be less than 7 years.
5. High level of English language proficiency.
6. The maximum age is 50 years.

5.1 Digital Leadership Path

B. Innovation and Design Specialization

This specialization includes a specialized program in change management, followed by an international training program or attendance at a specialized international workshop, and concludes with a graduation project that includes 20 working hours of consulting services to government bodies.



Target Category:

Those working in the marketing sector, digital transformation, service design, product development, and innovation.



Path Objectives:

1. Establishing a digital community specialized in the government sector in the field of Innovation and design.
2. Developing leaderships working in the field of digital transformation to achieve the objectives of the Kingdom of Saudi Arabia in digital transformation.
3. Building a database of qualified people to assist government bodies through consultations or various knowledge participation.



Path Requirements:

1. The beneficiary holds a government position in the field of digital transformation.
2. The beneficiary must fulfill all requirements related to training programs.
3. The beneficiary is obligated to fully attend the training course.
4. Work experience should not be less than 7 years.
5. High level of English language proficiency.
6. The maximum age is 50 years.

5.1 Digital Leadership Path

C. Information Technology Leadership Specializations

This specialization includes a specialized program in change management, followed by an international training program or attendance at a specialized international workshop, and concludes with a graduation project that includes 20 working hours of consulting services to government bodies.



Target Category:

Government leaders working in the field of digital transformation in the information technology sector.



Path Objectives:

1. Establishing a digital community specialized in the field of information technology in the government sector.
2. Developing leaders working in the field of digital transformation to achieve the goals of digital transformation in the Kingdom of Saudi Arabia.
3. Building a database of persons qualified to assist government agencies through various consultations or knowledge sharing.



Path Requirements:

1. The beneficiary holds a government position in the field of digital transformation.
2. The beneficiary must fulfill all requirements related to training programs.
3. The beneficiary is obligated to fully attend the training course.
4. Work experience should not be less than 7 years.
5. High level of English language proficiency.
6. The maximum age is 50 years.

5.1 Digital Leadership Path

D. Entrepreneurship Specialization

This specialization includes a specialized program in change management, followed by an international training program or attendance at a specialized international workshop, and concludes with a graduation project that includes 20 working hours of consulting services to government bodies.



Target Category:

Government leaders working in the field of digital transformation, strategy, projects management, or business development.



Path Objectives:

1. Establishing a digital community specialized in the field of information technology in the government sector.
2. Developing leaders working in the field of digital transformation to achieve the goals of digital transformation in the Kingdom of Saudi Arabia.
3. Building a database of persons qualified to assist government agencies through various consultations or knowledge sharing.



Path Requirements:

1. The beneficiary holds a government position in the field of digital transformation.
2. The beneficiary must fulfill all requirements related to training programs.
3. The beneficiary is obligated to fully attend the training course.
4. Work experience should not be less than 7 years.
5. High level of English language proficiency.
6. The maximum age is 50 years.



5.2 Digital Skills Path

This path is designed to develop the skills of those interested in development in the areas of government digital transformation to achieve the vision and values of digital government. The path consists of several development programs that include two training courses in addition to presenting a project upon completion of the training.

Digital Skills Path Specializations

Government Products Management Specialization

Data Analysis Specialization

User Experience Design Specialization

(In Partnership with the Ministry of Communications and Information Technology)

5.3 Elite Path

This path aims to provide qualified cadres to the labor market through the latest technical knowledge to keep pace with the professional requirements related to technical disciplines. The path targets recent graduates and those looking for work in emerging and new technologies.

5.4 Professional Training Path

The training track provides virtual courses in promising technical fields and refines the digital skills of employees and job seekers in several technical paths.

Emerging Techniques
Specialization

Emerging Techniques
Specialization

Emerging Techniques
Specialization

5.5 E-training Path

This path includes a set of e-training programs in different tracks in the field of communications and information technology. E-training allows trainees to acquire the necessary skills and knowledge by utilizing the training content published in global education platforms.

Java Developer

Cybersecurity Expert

Project Manager

Data and Business
Analyst

Software Engineer

Automation Test
Mastering Program

Artificial Intelligence
Engineer

Digital Marketing
Specialist

(NET.) Developer

(mean stack)
Developer

Data Scientist

Cloud Computing
Engineer

Big Data
Engineer

(MERN) Developer



6

Leadership Investment.. Future Investment



6. Investment in Leaders... is an Investment for the Future

Quodrat-tech program was launched with the aim of building a digital community that interacts with knowledge, connects with the best global minds, and adopts the best and latest technological practices. The program aspires to create the digital future for government bodies through the development of competencies, information exchange and participatory work, the adoption of modern technologies, and the development of digital capabilities and human talents.

All these efforts will bring benefits to the beneficiaries and related parties at the digital government level in terms of services, operational efficiency and smooth transactions within an optimal, proactive and digital user experience. Noting the adoption of the best innovations and practices of digital transformation in various fields such as digital health, education, digital economy and other various fields. This desired effect is paralleled by optimizing the use of government, technological resources, and investments.

The Digital Government Authority will be the first partner of other government bodies in the digital transformation journey based on the digital government policy, which represents the roadmap towards the ambitions, hopes, and goals of the Kingdom's Vision 2030.



7

Annexes



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Tech-Capabilities

Digital Government Capacity Development Program

A community initiative launched by the Digital Government Authority to provide integrated training solutions for continuous learning in the field of technology and digital transformation. The initiative includes a leading educational gathering that brings together experts, specialists, and those interested in the field of digital transformation and emerging technologies.

Objectives



Enabling the government sector in the Kingdom to reach advanced levels of digital maturity



Achieving a proactive and initiative digital government capable of providing highly efficient digital services



Developing the digital capabilities of national competencies from leaders and employees of the government sector



Developing the expertise of workers in the field of digital transformation through international partnerships that provide the latest global practices

Paths



Digital Leaders

Offers a set of training courses in a number of digital specializations that target government leaders working in the field of digital transformation



Digital Skills

The Digital Government Authority has designed the digital skills path to develop the skills of those working in the government sector who are interested in development in the areas of government digital transformation



Elite

Aims to provide human cadres prepared for the labor market and qualified with the latest technical knowledge to keep pace with technical needs. It targets graduates and job seekers in the fields of emerging and modern technologies



E-Training

Offers a range of electronic training courses in the fields of communications and information technology to provide a range of digital skills for targets employees and job seekers



Professional Training

A training path that offers virtual courses in promising technical fields and redirects the digital skills of employees and researchers in several technical paths

The Most Prominent Partners



INSEAD

The Business School for the World





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Digital Government Authority

01 Path Digital Leadership

The track offers a set of training courses in a number of digital disciplines that target government leaders working in the field of digital transformation

Specializations

01



Information Technology

IT leaders

02



Business Leadership

Those working in strategy, project management, and business development

03



Digital Consultations

Those working in the digital and technology consulting sector

04



Innovation & Design

Those working in service design, product development, and innovations

Main Partners



To register: <https://qtech.eservices.dga.gov.sa>



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SAUDI DIGITAL ACADEMY

مهارات
المستقبل



UNIVERSITY OF NIASSA
AND INFORMATION TECHNOLOGY

02 Path Digital Skills

The Digital Government Authority has designed this path to develop the skills of government sector employees who are interested in development in aspects of government digital transformation

التخصصات

01



Government Data Analysis

- Computer Science
- Data Science
- Information Systems

02



Government Digital Product Management

- Business Administration
- Finance
- Economy
- Engineering
- Computer Science

03



User Experience for Online Platforms

- Sciences
- Business Administration
- Economics
- Psychology
- Design
- Arts
- Marketing

Main Partners



To register: <https://qtech.eservices.dga.gov.sa>



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SAUDI DIGITAL ACADEMY

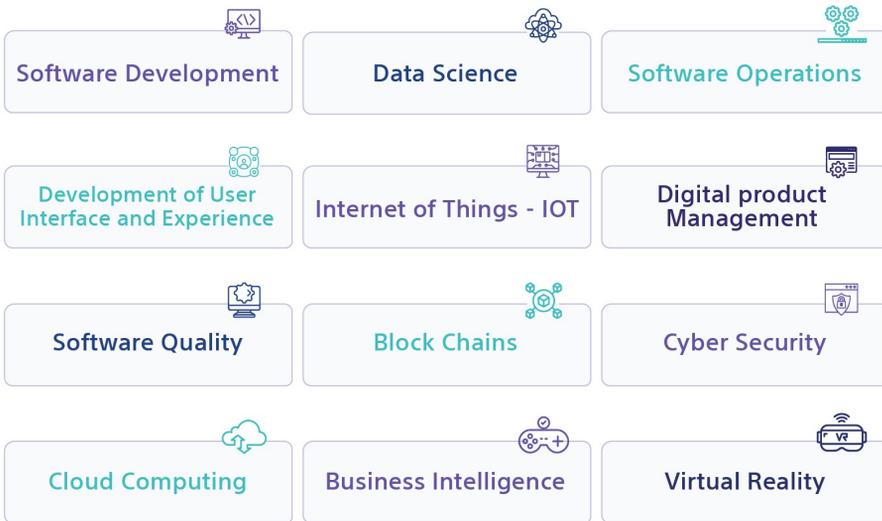


الوزارة العامة للتخطيط
والتطوير الاقتصادي
AND INFORMATION TECHNOLOGY

03 Path The Elite

This path aims to provide qualified employees with the latest technical knowledge to keep pace with the functional requirements related to technical specializations, especially recent graduates and those looking for work in the field of emerging technologies.

Most Prominent Specializations



Main Partners



أكاديمية طويق
TUWAIQ ACADEMY



SDA
الأكاديمية السعودية الرقمية
SAUDI DIGITAL ACADEMY

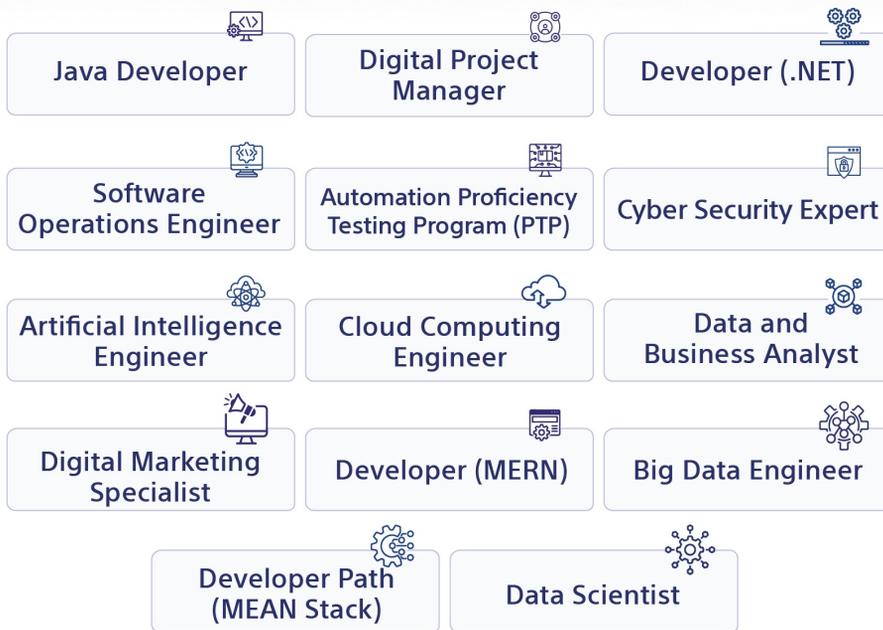


Contact us: Q-tech@dga.gov.sa

04 Path E-Training

This path offers a set of electronic training courses in the fields of communications and information technology and a range of digital skills

Specializations



To register: <https://qtech.eservices.dga.gov.sa>

05 Path

Professional Training

This path offers virtual courses in emerging technology fields and refines digital skills for employees and job seekers in different technical tracks

Specializations



Emerging Technologies
Technologies whose scientific and technical development or practical application is still incomplete

01



Conventional Technologies
Completed and mature techniques that have been practically applied and used in all fields

02



Supportive Technologies
Technologies that support the implementation and management of digital and technical solutions and products in the field of communications and information technology

03

To register: <https://qtech.eservices.dga.gov.sa>



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