

Catalyzing Qatar's Digital Transformation Journey: A Blueprint for Future Ready Societies



Executive Summary

TeKnowledge's collaboration with the State of Qatar marks a monumental stride in upskilling an entire nation, aligning with Qatar's aspiration to evolve into a sustainable, diversified, knowledge-based economy by 2030. Addressing the challenges unveiled by Qatar's digital ambitions—ranging from emerging security vulnerabilities to a critical technological skills gap—TeKnowledge has taken the helm to equip Qatar's population for the digital future. Drawing on its extensive expertise in digital education and solid alliances within Qatar's governmental and civil sectors, TeKnowledge has formulated a cybersecurity-centric educational blueprint that is central to Qatar's national skilling efforts.

TeKnowledge's Tailored Solution

In response to Qatar's digital aspirations, TeKnowledge spearheaded the Qatar Digital Center of Excellence, leveraging its proven expertise and deep connections within Qatar's civil and governmental bodies.

THE CHALLENGE: BRIDGING QATAR'S TECH DIVIDE

As Qatar embarked on its transformational digital journey, it confronted the urgent need for enhanced cybersecurity measures and a comprehensive upskilling of its workforce.

The national vision to secure a leading position in the digital era necessitated a proactive approach to developing a robust digital infrastructure and a skilled workforce ready to meet the demands of a rapidly evolving digital landscape.



This strategic move was aimed at expediting Qatar's digital readiness through:

National Cybersecurity Skilling Campaign: At the heart of Qatar's skilling initiative, TeKnowledge launched Cybersecurity Awareness Workshops, underlining the critical need to protect the nation's digital infrastructure. Designed for a diverse audience — from young learners and university graduates to professionals and leaders in the tech industry — these sessions were conducted by seasoned experts in both Arabic and English, ensuring the message resonated across the spectrum of Qatar's society and industry.

Personalized Role-Based Training: Adopting a hands-on approach, TeKnowledge's initiative encompassed comprehensive skills mapping and role-based training. This methodology ensured personalized learning journeys for Qatar's workforce, offering certified training in emerging technologies, precisely aligned with Qatar's digital goals.

The TeKnowledge Impact

TeKnowledge's initiative has catalyzed significant advancements in Qatar's digital landscape:

• **Cybersecurity Awareness Expansion:** A cornerstone of Qatar's skilling strategy, these workshops have played a vital role in strengthening the nation's cybersecurity framework.

• **Diverse Digital Skills Enhancement:** Beyond cybersecurity, training in AI, cloud computing, and other key technologies was delivered, in sync with the Qatar National Vision 2030.

• **Future Digital Leaders Cultivation:** In collaboration with Microsoft, TeKnowledge introduced a program for university students across Qatar, enriching their skills in Cloud, AI, and Cybersecurity.

• **Data Science for Government Leaders:** Collaborating with MIT XPro, TeKnowledge launched a program targeting senior government officials, emphasizing data science applications

Advancing Digital Sovereignty in Qatar

Under TeKnowledge's leadership, these educational initiatives are pivotal in advancing Qatar's digital sovereignty and independence. This concerted effort not only reinforces Qatar's vision for a digitally proficient society but also showcases TeKnowledge's pivotal role in orchestrating a comprehensive national digital transformation strategy. Through this collaborative endeavor, TeKnowledge is not just responding to the current digital challenges but is helping shape Qatar's future, ensuring the nation's readiness to lead in the digital age.



Measurables

8,000

participants trained at the DCE in Doha

48.63%

female participation, advancing gender diversity in the tech field

650+

participants across various government entities have undergone comprehensive cybersecurity training

15,000+

hours of specialized training have been provided

60%

job placement rate among graduates, directly contributing to Qatar's digital economy