



# AI Pathway

# AI Pathfinders

The Learning Experience

# “YERUN - GenAI” challenge: your goal

- “YERUN -AI-driven Digital Education for future-proof upskilling”
  - challenges higher-education students
  - to provide ideas on how AI tools can create
    - **an effective learning experience**
- where young and experienced professionals can effectively upgrade their skills as required by the Gen AI Impact on their industry.

# “YERUN - GenAI” challenge: your focus

- “YERUN - GenAI” challenge will focus on the DigiEduHack priority as to
  - **The Learning Experience**

“By placing learners at the centre of the education process, harnessing the power of digital technologies and tailoring learning experiences to individual learner’s needs and preferences, we can create a more personalised and dynamic learning environment. In addition, digital tools provide opportunities for learners to connect and engage with other members of their community and promote a culture of shared purpose.”

*Possible topics to be dealt with:*

- *Personalised learning - Experiential learning*
  - *Adaptive learning - Active learning*
  - *Peer learning - Peer assessment*

<https://digieduhack.com/about>

# TARGET GROUP

## TARGET GROUP: Public Sector Managers

**GOAL:** Understand the needs and challenges of managers in the public sector during digital transformation and sustainability efforts.

## PERSONA

Gabriele Romano, 40 years old, Operational Manager in public sector, with 14 years of experience in team and operations management. Gabriele is experienced in operations but new to digital transformation. He feels pressure to adapt to new technologies.

## EMPATHY MAPPING

- **Sees:** Rapid digitalization, budget constraints, tech-savvy peers.
- **Thinks and Feels:** Concerned about staying relevant, overwhelmed by change.
- **Hears:** Mixed feedback on new tools, pressure from leadership to adopt innovative technologies without delays.
- **Says and Does:** looks for practical and targeted training but often postpones due to lack of time.

# PROBLEM SETTING

## Challenges Facing Public Sector Managers:

- **Time Constraints:** Managers often struggle to dedicate time to extensive training sessions due to busy schedules.
- **Resource Limitations:** Public sector budgets for professional development are limited, making affordable solutions essential.
- **Practical Needs:** Managers prefer learning that is directly applicable to their tasks, with a focus on practical, simulation-based exercises over theoretical content.
- **Confidence Building:** Many managers lack confidence in adopting digital tools and need structured support to lead teams through digital transformation.

## Key Actionable Problem Statement

"How can we create an accessible, practical learning experience for public sector to upskill in digital transformation and sustainability while overcoming these challenges?"

# ALTERNATIVE SOLUTIONS

- Time constraints → **Six thinking hats**
- Resource limitations → **SCAMPER**
- Practical and immediate application → **Reverse Brainstorming**
- Support for confidence and change management → **Six thinking hats**

## MUST HAVE FEATURES:

- **Modular microlearning content:** short, flexible modules accessible anytime
- **Affordable access:** tiered pricing
- **Real-world simulations:** case studies, interactive exercises and “try it now”
- **Progress Tracking and Badges:** visual indicators to track progress
- **Mobile and Multi-Device access:** accessible on both desktop and mobile devices
- **Peer support and Social learning:** forums, group sessions and challenges

## SHOULD HAVE FEATURES:

- **Gamification:** leaderboards, point system and challenges
- **Mentorship:** mentors for personalized guidance
- **Customizable learning paths:** choose models
- **Multi-Format content:** podcasts, videos
- **Interactive feedback:** real-time quiz feedback

# SOLUTION OVERVIEW – AI PATHWAY

- **What is AIPathway?**
- AIPathway is a digital learning platform designed to empower public sector managers like Gabriele Romano to confidently adopt Gen AI tools and sustainable practices.
  
- **Microlearning Modules:** Short, targeted lessons that focus on Gen AI applications in compliance, sustainability, and operational tasks.
- **Real-World Simulations:** Practical, hands-on exercises to build actionable skills, like using AI for compliance audits or resource allocation.
- **Peer Learning & Mentorship:** Interactive forums and discussion boards for sharing solutions and experiences, with opportunities for mentorship to support skill-building, moderated by experts and experienced managers. Regular **virtual group sessions** allow managers to discuss case studies, solve challenges, or review AI tools in action.
- **Integration** with video conferencing tools like Zoom or Microsoft Teams enables seamless group sessions and mentorship meetings.
  
- **Technologies Used:**
- **AI-Driven Personalization:** Customized learning paths that adapt to each manager's skill level, ensuring efficiency and relevance.
- **Integration** with video conferencing tools like **Zoom** or **Microsoft Teams** enables seamless group sessions and mentorship meetings.
- **Gamification & Badging:** Progress tracking, badges, and leaderboards to motivate engagement and completion.
- **Mobile-Friendly Access:** Training accessible anytime, on any device, with offline options for convenience.
  
- **Objectives:**
- Equip managers with Gen AI skills tailored to public sector roles.
- Offer practical, affordable, and flexible training solutions.
- Foster a supportive learning community to enhance confidence and skills.

# HOW AI PATHWAY STANDS OUT

AIPathway aims to modernize digital education by delivering practical, targeted learning for public sector managers facing digital transformation

- **Sector-Specific Focus:** Unlike generic platforms, AIPathway's content is tailored to public sector needs, addressing challenges in digital transformation and sustainability.
- **Practical and Flexible:** Short modules focus on real-world applications, allowing managers to integrate learning into their busy schedules seamlessly.
- **Collaborative Learning:** Peer support, mentorship, and community features create an interactive and engaging environment, helping managers overcome hesitation and gain confidence.
- **Affordable Accessibility:** Tiered pricing models and free access to essential modules ensure inclusivity, even for resource-limited organizations.

## Potential Benefits:

- Boosts confidence and skill adoption for managers.
- Enhances operational efficiency by applying Gen AI to routine public sector tasks.
- Strengthens alignment with sustainability and compliance goals.

## Why It's Needed Now:

- The solution aligns closely with the DigiEduHack 2024 theme, which emphasizes personalized, technology-driven learning experiences. AIPathway puts managers at the center of the learning process by providing AI-powered, customized pathways that adapt to their unique skill levels and objectives.

Public sector managers are at the forefront of navigating digital transformation and sustainability. AIPathway empowers them with the tools and confidence needed to lead these initiatives effectively.



# BROADER IMPACT AND TRASFERABILITY

## Applications in Other Sectors:

- **Healthcare:** AIPathway could train professionals to use AI in patient data analysis and compliance with healthcare regulations.
- **Small Businesses:** Modules on digital marketing, finance tools, and operational sustainability tailored to the fast-paced needs of entrepreneurs.
- **Education Sector:** Teaching administrators to integrate AI for managing schools more efficiently, tracking progress, and fostering innovation.

## Social and Environmental Impacts:

- **Equitable Access to Digital Education:** By making training affordable and modular, AIPathway democratizes access to high-quality learning resources.
- **Promoting Sustainability:** Digitization reduces paper and energy use, while remote learning minimizes travel emissions.
- **Enhanced Workforce Readiness:** Builds a future-proof workforce equipped to handle technological and regulatory advancements.

## Real-World Scenario:

A public sector manager uses AIPathway to upskill in Gen AI tools, applies these to compliance monitoring, and simultaneously integrates sustainability into team operations.

# Tweet

- "AIPathway: Empowering public sector managers with microlearning, real-world simulations, and peer support to upskill in Gen AI and sustainability. Flexible, affordable, and practical training on any device, tailored to build confidence and drive digital transformation."