Certification In Generative AI For Sustainability

GSDC Global Skill Development Council
Generative AI For Sustainability
CERTIFIED

Global Certification Program

✓ Globally lifetime Valid Certification

✓ Access to exclusive resources, boot camps, and summits

✓ AI based Roleplay & Simulations

✓ Two Exam Attempts

An Overview

what you can expect from this program

The GSDC Generative AI Sustainability Certification validates expertise in leveraging Generative AI for sustainability.

As businesses go greener, AI plays a key role in reducing carbon footprints, optimizing resources, and driving eco-friendly innovation.

This certification for generative AI sustainability showcases your ability to align AI with sustainability goals, ESG compliance, and ethical practices. Certified for sustainability, you demonstrate a commitment to responsible AI use, enhancing supply chain efficiency, energy optimization, and circular economy initiatives for a lasting environmental impact.

	Type	Online self-paced learning, Mocks
	Language	English (including subtitles)
	Access	12 months
	AI based Role play	Prepare yourself for career with AI based roleplay
	Digital certificate upon completion (2 Attempts)	
	Card Payment, Bank Transfer	
	Reading materials & Reference Templates	
	100% money back guarantee*	

GSDC Introduction

Welcome to the Global Skill Development Council (GSDC)!

As an independent, vendor-agnostic certification organization, we empower professionals worldwide.

Leading MNC organizations and global universities recognize our certifications.
With a diverse portfolio of over 100+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 50,000 professionals.

Partnered with 50+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

Join us today and let your skills soar to new heights!

Introduction

Generative AI for Sustainability Certification

The GSDC Generative AI Sustainability Certification validates professionals' ability to leverage Generative AI for sustainable business and IT practices. As organizations strive for greener operations, AI-driven solutions play a crucial role in reducing carbon footprints, optimizing resources, and driving eco-friendly innovation. This certification for generative AI sustainability demonstrates your expertise in aligning AI strategies with sustainability goals, ethical considerations, and ESG compliance.

By earning this generative AI sustainability certification, you showcase your commitment to using AI responsibly to enhance supply chain sustainability, energy efficiency, and circular economy initiatives. Being certified for sustainability signifies your dedication to making a meaningful impact in today's environmentally conscious world.

Learning Objective

❑ Understand the role of Generative AI in sustainable IT and business transformation.

❑ Utilize AI for carbon footprint reduction and resource optimization.

❑ Integrate Generative AI into sustainable product and service development.

❑ Leverage AI-driven strategies for supply chain sustainability and circular economy.

❑ Apply Generative AI for real-time energy optimization in IT infrastructure.

❑ Enhance IT operations through AI-powered code and testing optimization.

❑ Implement AI-driven sustainable procurement and lifecycle management.

❑ Address ethical concerns, AI bias, and governance in sustainability initiatives.

❑ Develop AI-powered sustainability reporting and stakeholder engagement strategies.

❑ Create actionable plans to future-proof AI-driven sustainability efforts.

OBJECTIVES OF GENERATIVE AI FOR SUSTAINABILITY

Curriculum

Module 1: Generative AI & the Sustainable IT Enterprise
• The Global Sustainability Landscape & IT's Strategic Role
• Generative AI: A Strategic Asset for Sustainable Business Transformation
• Aligning Generative AI Initiatives with ESG Goals & Corporate Strategy
• Building a Sustainable AI Vision

Module 2: Carbon Footprint Reduction & Resource Optimization
• Generative AI for Scope 1, 2, & 3 Emissions Analysis
• Developing Tactical Roadmaps for Generative AI-Driven Resource Optimization (Data Centers, Cloud)
• Generative AI for Sustainable Software Development & Deployment
• Tactical Planning for Carbon Offset and Carbon Capture Enhancement

Module 3: Sustainable Product & Service Development
• Strategies for Integrating Generative AI into Sustainable Product Design
• Generative AI-Enabled Sustainable Service Offerings
• Sustainable Hardware Design

Module 4: Supply Chain & Circular Economy
• Generative AI-Driven Supply Chain Decarbonization
• Implementing AI-Powered Circular Economy Initiatives
• Supplier Sustainability Evaluation with Generative AI

Module 5: Data Center & Infrastructure Sustainability
• Generative AI for Real-Time Data Center Energy Optimization
• Generative AI-Driven Predictive Maintenance & Resource Management
• Generative AI for Thermal Management

Module 6: Sustainable Software & IT Operations
• Generative AI for Code Optimization
• Generative AI for Testing Optimization
• Generative AI for Cloud Usage Optimization
• Generative AI for Waste Reduction in IT Operations

Module 7: Sustainable Procurement & Lifecycle Management
• Leveraging Generative AI for Sustainable Procurement Decisions (Materials, Hardware)
• Implementing Generative AI-Driven Lifecycle Management for IT Assets
• Commodity-Level Analysis of Environmental Impact with Generative AI
• Using Generative AI to Optimize Recycling and Reuse of Commodities

Module 8: Ethical Considerations, Communication, & Action Planning
• Ethical Considerations Across All Levels: Data Privacy, Bias, Governance
• Communicating Sustainability Progress: Generative AI-Powered Reporting & Stakeholder Engagement
• Developing Action Plans: Integrating Generative AI into Daily Operations & Strategic Initiatives
• Future Proofing and Keeping Up with the Evolving Landscape of AI and Sustainability

Unleash Unlimited Potential

All GSDC certifications come with a lifetime membership, offering you a world of benefits to fuel your professional growth.

Expert Created Learning Material
Learn from knowledge shared by Top Industry Experts with 15+ yrs of experience.

Access to Global Conferences
Be a part of GSDC thriving learning community around the world, sharing knowledge from across the world.

Speaker invites @ GSDC Webinar Series
Share your knowledge with world at GSDC global webinar series, share your expertise and learn from others.

Downloadable Resources
Get access to templates and reference documents which will help you to do your day to day tasks easier.

Certificate Upgrades
Get complimentary certificate upgrades to keep up with the latest updates in processes and frameworks.

Newsletters, blogs with industry insights
Get newsletters, announcements and articles curated by experts direct to your inbox.

AI Based Role Play
Learn to implement applicability of knowledge with real life simulation based games.

What You Get In this Certification Program?

- Engaging digital learning videos

- Exclusive access to Global thought leader sessions & case studies

- Downloadable and implementable resources to support practical application

- Two mock exams with unlimited attempts for comprehensive preparation

- Certification exam voucher with 1-year validity

- Two attempts for certification exam

What our Candidates Saying?

We greatly appreciate the feedback from our program participants on Trustpilot. With an impressive average rating of 4.7 out of 5, their reviews highlight the positive experiences and value they have gained from our program.

Global Skill Development Council - GSDC
Reviews 178 • Excellent
★★★★½ 4.7 ⓘ
✓ VERIFIED COMPANY

chandrasekaran j
2 reviews ◎ IN
★★★★★   Jul 18, 2023

I had a experience with GSDC with their…

I had a experience with GSDC with their SRE course and it was very good. The speakers were very knowledgeable and kept it very interactive . Thanks the GSDC team for this !

Date of experience: April 13, 2023

👍 Useful   ⤝ Share

Tosin Olaniyi
1 review ◎ NG
★★★★★   Jul 11, 2023

The learning portal was so seamless

The learning portal was so seamless, and user friendly. The course are so detailed, easy to understand, great lecturers. Safe to say the best learning platform I've used so far. I would recommend learning from GSDC to anyone. You sure will get a value for your money.

Date of experience: July 08, 2023

👍 Useful   ⤝ Share

Majid
1 review ◎ IN
★★★★★   Sep 25, 2023

GSDC has been doing a great job in making learners gain knowledge!

GSDC has been doing a great job in making the learners find right opportunities to gain knowledge for business! These two days were filled with knowledge and insights!

Date of experience: September 25, 2023

👍 Useful   ⤝ Share

Amani
1 review ◎ AE
★★★★★   Aug 15, 2023

Certified Learning & Development Professional CLDP

I took the certification course "Certified Learning & Development Professional CLDP" approved by the GSDC - Global Skill Development Council. So grateful to the professional team at the GSDC for this enlightening opportunity; namely, Ruguozeno, for her dedication, responsiveness, and constant support throughout this learning journey. And very special thanks to the amazing trainer and coach Deepak Sharma for the great weekly live sessions which I believe are the highlight of this certification programme. His knowledge, expertise, and outstanding skills have made the course very insightful, engaging, and enjoyable!

Date of experience: July 21, 2023

Expert-Led Generative AI: Learn, Connect, Grow

❑ **Expert-Led Sessions:**
Engage in weekly 2-hour live sessions with industry expert, gaining cutting-edge insights and practical knowledge in Generative AI

❑ **Interactive Learning Experience:**
Ask questions, discuss case studies, and receive implementation guidelines directly from expert, enhancing your understanding of complex AI topics

❑ **Lifelong Learning Journey:**
Enjoy lifetime access to these sessions, ensuring you stay updated with the latest trends and continuously grow your AI expertise

Enrollment-Options

GSDC
Global Skill Development Council

Option-1

Certified Generative AI for Sustainability with E-learning

Fast-track your career by learning a new skill and earning a certificate

- ✔ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✔ 1 Certification Program
- ✔ Two Exam Attempts
- ✔ Lifetime Valid Certification
- ✔ E-Learning Library Access
- ✔ Downloadable Resources-Book of Knowledge, Templates
- ✔ GSDC Membership

ENROLL NOW

Option-2

Bundle

Create your own bundle with 3 certification program

- ✔ 3 Certification Program
- ✔ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✔ Two Exam Attempts
- ✔ Lifetime Valid Certification
- ✔ E-Learning Library Access
- ✔ Downloadable Resources-Book of Knowledge, Templates
- ✔ GSDC Membership

ENROLL NOW

Option-1 Certified Generative AI for Sustainability with E-learning

Certified Generative AI for Sustainability with Digital Learning

Fast-track your career by learning a new skill and earning a certificate

- ✓ E-Learning from Industry Experts
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ Downloadable Resources

ENROLL NOW

Option-2

Make Your Own Certified Generative AI for Sustainability Bundle

Enrich your skills and advance your career with our exclusive bundle.
Get certified in the following:

- Certified Generative AI for Sustainability

- Certification In Generative AI In Business

- Certification In Generative AI In Marketing

- Certification In Generative AI In Finance And Banking

- Generative AI in Project Management

- Generative AI in Product Management

Expand your expertise, design impactful learning experiences, and master your skills.

BUY ANY
3
CERTIFICATIONS

Claim Bundle Here !!!

Unlock Workforce Potential Through Skill Validation!

Enroll now with the code **UPSKILL10** To avail 10% discount.

Register Now

100% Money Back Guarantee!

At GSDC, quality is our top priority. Our certification programs are designed to foster professional growth and ensure learning satisfaction. If you do not pass the certification exam after two attempts, we offer a 100% money-back guarantee.

- No Questions Asked*

- 100% Amount Refund*

- No Processing Fees*

Thank You

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