

Certified in Data Analytics

Global Certification Program

- ✓ Globally lifetime Valid Certification
- ✓ Lifetime Valid Certification
- ✓ AI based Roleplay & Simulations
- ✓ Two Exam Attempts



An Overview

what you can expect from this program

Certified in Data Analytics is a professional credential that validates your expertise in collecting, processing, analyzing, and interpreting complex data to drive informed business decisions. This certification equips you with practical skills in tools like SQL, Python, Excel, and data visualization platforms such as Tableau or Power BI.

It demonstrates your ability to apply statistical techniques, build predictive models, and communicate insights effectively making you a valuable asset in data-driven roles across industries. Ideal for analysts, managers, and decision-makers.

	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 150+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 250,000 professionals.

Partnered with 100+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

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



Introduction

Certified Data Analytics

The GSDC Data Analytics Professional Certification is designed for professionals looking to validate their skills in one of the most in-demand fields. In a world driven by data, the ability to interpret, analyze, and make data-driven decisions is critical across every industry. This data analytics certification helps you stand out by proving your ability to turn raw data into actionable insights. By earning the certified data analytics title, you show employers and clients that you're equipped to make smarter business decisions using modern analytical techniques.

The data analytics professional certification also gives you access to ready-to-implement hands-on resources, templates, and tools to help accelerate your learning and application. Whether you're advancing your career or strengthening your team, this data analytics certification is a smart step forward. With the certified data analytics badge, you'll be recognized for your ability to deliver results, and the data analytics professional certification ensures you're prepared to meet the growing demand for data-savvy professionals.



Learning Objective

- ❑ Demonstrate ability to interpret and visualize complex data
- ❑ Prove knowledge of data-driven decision-making techniques
- ❑ Understand data cleaning, transformation, and modeling processes
- ❑ Learn from real-world use case studies and examples
- ❑ Access ready-to-implement templates for faster execution
- ❑ Showcase your expertise with a certified data analytics credential
- ❑ Strengthen your profile with industry-relevant data skills
- ❑ Apply analytics knowledge to practical business scenarios
- ❑ Gain confidence to work across multiple data tools and methods

OBJECTIVES OF DATA ANALYTICS

Curriculum

1. Introduction to Data Analytics

- What is Data Analytics?
- Types of analytics: Descriptive, Diagnostic, Predictive, Prescriptive
- The data analytics lifecycle
- Role of a data analyst in organizations

2. Data Collection & Data Wrangling

- Types of data (structured vs. unstructured)
- Data sources: APIs, databases, web scraping, sensors
- Data collection tools and techniques
- Data cleaning and preparation
- Handling missing data
- Outliers
- Data transformation

3. Data Analysis & Exploratory Data Analysis (EDA)

- Descriptive statistics (mean, median, mode, variance, standard deviation)
- Data visualization for EDA
- Correlation and causation
- Aggregation, grouping, filtering, pivoting

4. Statistical Analysis for Data Analytics

- Probability theory basics
- Hypothesis testing
- Confidence intervals
- Regression analysis (linear & logistic)
- Statistical distributions

5. Data Visualization

- Principles of effective data visualization
- Tools: Excel, Tableau, Power BI, Matplotlib, Seaborn
- Creating dashboards and reports
- Interactive and real-time visualizations

6. Data Tools & Technologies

- **Excel:** Pivot tables, formulas, VBA basics
- **SQL:** Data querying, joins, subqueries, CTEs
- **Python/R:** Data manipulation (Pandas, NumPy), visualization (Matplotlib, Seaborn)
- **Jupyter Notebooks** or **RStudio**

7. Databases and Data Warehousing

- Relational databases (MySQL, PostgreSQL)
- Data modeling and normalization
- Introduction to NoSQL (MongoDB, etc.)
- Basics of data warehousing and ETL

8. Machine Learning Basics (Optional in Some Programs)

- Supervised vs. unsupervised learning
- Basic models: linear regression, decision trees, clustering (K-Means)
- Overfitting, model evaluation metrics (accuracy, precision, recall, F1-score)

9. Big Data and Cloud Analytics (Optional/Advanced)

- Introduction to big data tools: Hadoop, Spark
- Cloud platforms: AWS, Google Cloud, Azure
- Using cloud services for data processing and storage

10. Business Intelligence and Decision-Making

- Data-driven decision-making frameworks
- KPI identification and tracking
- Building data stories for stakeholders
- Communication and presentation skills for data analysts

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

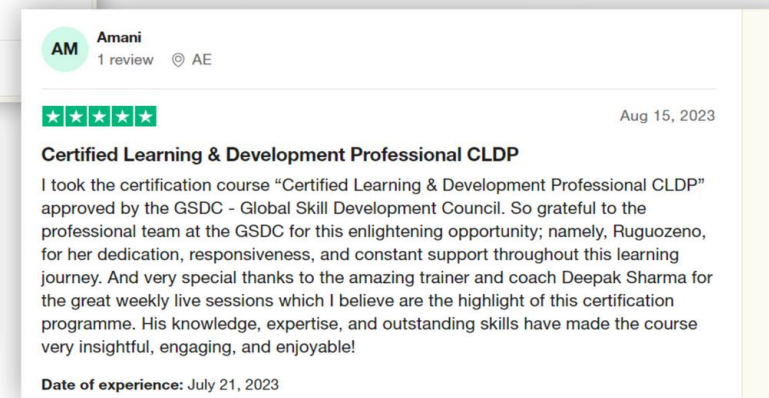
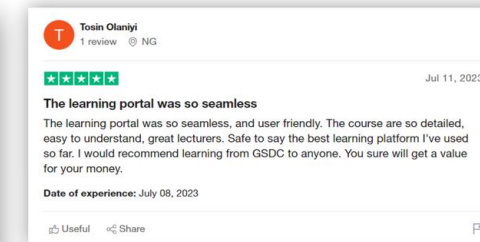
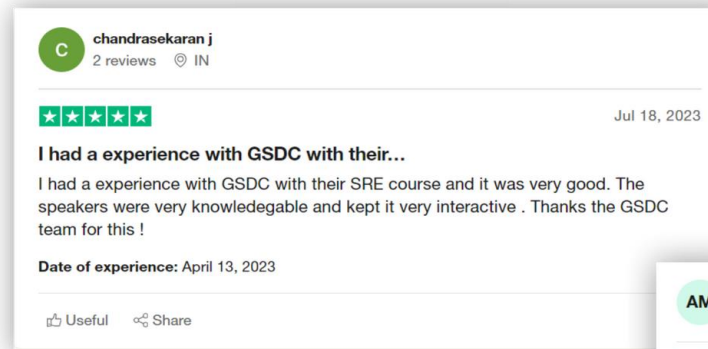
Learn to implement applicability of knowledge with real life simulation based games.

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.



Expert-Led Generative AI: Learn, Connect, Grow



☐ **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



☐ **Career-Boosting Network:**

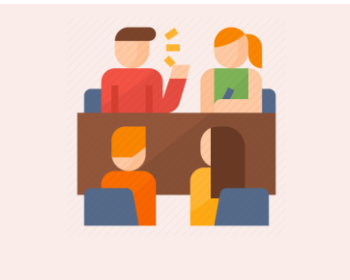
Connect with fellow professionals in the field, creating valuable relationships that can propel your career in the world of Generative AI

AI-Based Interview Practice Platform



- ☐ Engage With Real Time AI Interview Questions.
- ☐ Practice Questions Tailored with Your Expertise.
- ☐ Validate your Knowledge of subject Matter.

Capstone Project



- ☐ Apply Your Skills in Real World Scenario.
- ☐ Learn Methodologies Aligned to Your Expertise.
- ☐ Validate Skills and Knowledge Gained through the Certification.
- ☐ Showcase Expertise via a Capstone Project.

Enrollment-Options

Option-1

Certified in Data Analytics 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 in Data Analytics with E-Learning

Certified In Data Analytics 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



Option-2

Make Your Own Certified in Data Analytics Bundle

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

- Certified Agile Scrum Foundation
- Certified Agile Scrum Master
- Certified Agile Scrum Product Owner
- Certified PMO Professional

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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