



CERTNEXUS TRAINING

Certified Data Science Practitioner™ (CDSP)

Comprehensive data science course covering data wrangling, EDA, statistical modeling, machine learning, and visualization.

DURATION

40 Hours (5 Days)

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

Certified Data Science Practitioner® (CDSP-110) is a vendor-neutral certification validating core data science methodologies. Perform end-to-end data analytics, statistical modeling, and machine learning pipeline construction.

Duration	40 Hours (5 Days)
Level	Intermediate
Vendor	CertNexus
Exam Code	DSP-110

WHO IS THIS FOR?

- Data Analysts transitioning to Data Science
- Data Engineers & Developers

PREREQUISITES

- Proficiency in Python programming and basic algebra/statistics

COURSE CURRICULUM

01 Module 1: Data Science Methodology & Python Data Wrangling

- Pandas & NumPy data wrangling
- Hands-on Lab: Data Cleaning

02 Module 2: Exploratory Data Analysis & Statistics

- Hypothesis testing
- Matplotlib & Seaborn
- Hands-on Lab: Exploratory Analysis

03 Module 3: Supervised Machine Learning

- Regression & Decision Trees
- ROC/AUC metrics
- Hands-on Lab: Model Training

04 Module 4: Unsupervised Learning & Time Series

- K-Means & PCA
- ARIMA forecasting
- Hands-on Lab: Customer Segmentation

05 Module 5: Model Deployment & CDSP Exam Prep

- REST API endpoint deployment
- Hands-on Capstone Lab: End-to-End ML Pipeline

FREQUENTLY ASKED QUESTIONS

Q: What is the total duration of the Certified Data Science Practitioner™ (CDSP) course?

The course duration is 40 Hours (5 Days) (40 hours of instructor-led lecture and hands-on laboratory exercises).

Q: Does this course help prepare for an official CertNexus certification?

Yes, Certified Data Science Practitioner™ (CDSP) aligns directly with the official CertNexus certification exam (DSP-110) and includes official courseware and lab access.

Q: Is training delivered by authorized CertNexus instructors?

Yes, at Computer Pride all CertNexus courses are delivered by certified instructors with extensive industry experience.

ABOUT COMPUTER PRIDE

***East Africa's Premier IT Training Center***

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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