AFRICAN CENTRE OF EXCELLENCE IN
DATA SCIENCE

DASCA CERTIFICATIONS

ABOUT DASCA CERTIFICATIONS

Notably, DASCA certifications are the world's most advanced crossplatform programs of their kind, and they address the career needs of ambitious African talents who wish to develop themselves into world-class Data Analysts, Data Engineers and Data Scientists. These certifications help participants build a strong base of knowledge and skills on multiple tools, techniques, concepts and technologies, and in the process, equip them for an exciting breadth of roles and career opportunities that are available with a wide range of Data Science employers across verticals, environments and markets.

ASSOCIATE BIG DATA ENGINEER(ABDE)
620$

KEY LEARNING THEMES
Introduction to Data Science & Big Data
Big Data storage and processing in Hadoop
Sqoop and Flume; Yarn, Hive, and Pig
Machine Learning Fundamentals
R; Big Data Analytics; Integrating R and Hadoop
Basics of Big Data Solution Engineering
Big Data tools for Engineers; Python Fundamentals
Data Science in Social Media and Mobile applications

SENIOR BIG DATA ENGINEER(SBDE)
675$

KEY LEARNING THEMES
Advanced applications of Data Science & Big Data
Storing and processing streaming big data in Hadoop
Using Sqoop, Flume; Yarn, Hive, and Pig
Machine Learning applications for data engineers
R; Big Data Analytics; Integrating R and Hadoop
Using tools of big data application development
Developing Big Data Solutions
Data Science in Social Media and Mobile applications

ASSOCIATE BIG DATA ANALYST(ABDA)
620 $

KEY LEARNING THEMES
Data Science & Big Data Analytics Frameworks
Essential Data Analytics Tools and Concepts
R Programming
Applications in Data Analytics
Fundamentals of Big Data Solution Engineering
Social Media, Mobile Analytics, and Visualization
Machine Learning fundamentals
Review of Python programming

SENIOR BIG DATA ANALYST(SBDA)
675 $

KEY LEARNING THEMES
Applying Big Data Analytics Frameworks
Applying Data Analytics Tools and Concepts
Deploying R in Advanced Analytics
Developing Big Data Analytics Solution
Social Media, Mobile Analytics, and Visualization
Deploying Data Analytics in Machine Learning

REGISTER TODAY!

SENIOR DATA SCIENTIST(SDS)
750 $

KEY LEARNING THEMES
Data Science for business Stakeholders
Data Science Business Potential of Big Data
Building Cross-Organizational support
Data Science Fundamentals For Data Scientists

PRINCIPAL DATA SCIENTIST(PDS)
1,050 $

KEY LEARNING THEMES
Data Science for business Stakeholders
Data Science Business Potential of Big Data
Building Cross-Organizational support
Data Science Fundamentals for Data Scientists
Data Science Essentials for Data Scientists Advanced
Data Science for Data Scientists

DASCA CERTIFICATION EXAMS

All DASCA certification exams are completely online and digitally proctored, and can be taken anywhere, even at home or in office after obtaining the necessary ExamStrongTM approvals. Examinees generally marking 65% of their answers correct and meeting DASCA candidacy norms qualify for the DASCA credential award. For more details, please visit the https://aceds.ur.ac.rw/ or https://www.dasca.org

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