



 **INFORMA**



HOW TO BECOME A CERTIFIED ASSOCIATE BIG DATA ENGINEER

ASSOCIATE BIG DATA ENGINEER (ABDE™) – THE OVERVIEW

Big Data Engineering & Development is one of the hottest Big Data career domains today. The **ABDE™** by the **Data Science Council of America** (DASCA) is the world's most credible 3rd-party, vendor-neutral certification for young graduating university and tech-school students around the world, readying themselves for exciting Big Data careers. Proving your proficiency, potential, and promise for developing and engineering Big Data programs, software, and applications is done best through the internationally accepted and recognized **ABDE™** Certification.

WHY ABDE™

DASCA Big Data Engineering Certifications are major international qualifications today for software engineers and programmers aspiring to enter or grow in the high-demand Big Data development and engineering profession.

If you are a young, graduating university and tech-school student anywhere in the world, the Associate Big Data Engineer Credential from DASCA slots you best for the most exciting Big Data engineering jobs.

WHO COULD BE AN ASSOCIATE BIG DATA ENGINEER

If you have completed or are completing your Undergraduate Degree in Information Technology/ Computer Science OR a Diploma in Computer Programming/ Software Engineering from an accredited institution, the **ABDE™** is a great credential to earn.

TOP 6 REASONS WHY DASCA CERTIFICATIONS BECOME A MUST FOR ALL DATA SCIENCE PROFESSIONALS

01.

A DASCA credential draws the **Best Big Data jobs** to you

02.

Around **15 million** Data Science professionals are demanded **by 2020!**

03.

DASCA-certified professionals can earn **40% - 50% higher!**

04.

The best roles go to those holding a specialist **Data Science** qualification

05.

DASCA Credentials are globally respected and relevant

06.

The **DASCA-certified** are secure even during economic downturns and technology changes.

THE CANDIDACY TRACKS

Ways to Become an ABDE™

The following table summarizes the specifics of what it takes to become an **ABDE™**. There are THREE convenient tracks covering Software Engineers from diverse backgrounds and experience to earn an **ABDE™**!

ABDE™ Track 1	ABDE™ Track 2	ABDE™ Track 3
Bachelor's Degree	Associate Degree/ Diploma	DASCA-Recognized Institutions (QualiFLY™)
MINIMUM QUALIFICATION REQUIRED:	MINIMUM QUALIFICATION REQUIRED:	MINIMUM QUALIFICATION REQUIRED:
Should have completed Bachelor's Degree in Computer Science/ Technology/ Engineering/ Applied Sciences/ Related disciplines.	Should have completed Associate Degree/ Diploma in Computer Science/ Technology/ Engineering/ Applied Sciences/ Related disciplines.	Current & Past Students of Bachelor's Degree in Computer Science/ Technology/ Engineering/ Applied Sciences/ Related disciplines from any of the DASCA-recognized Institutions.
MINIMUM WORK EXPERIENCE:	MINIMUM WORK EXPERIENCE:	MINIMUM WORK EXPERIENCE:
<u>Experience not Mandatory:</u> basic proficiency in using Python/ JAVA or any other programming language is desirable	<u>Minimum 2 year of experience</u> of computing experience with proficiency in using Python/ JAVA or any other programming language	<u>Experience not Mandatory:</u> basic proficiency in using Python/ JAVA or any other programming language is desirable

Getting The ABDE™ - A Preview of the Certification Process

There are six distinct stages of your journey toward becoming an ABDE™. Here's what these stages look like. Of course, we've just tried to take you through a quick tour, so many of the details may be missing. You may **Contact Us** for more information.

The ABDE™ Certification Process

01 | CHECK ELIGIBILITY
REQUIREMENTS

02 | FILL ONLINE
APPLICATION

03 | VALIDATION

04 | ABDE™
CERTIFICATION
PREPARATION
MATERIAL

05 | TAKING THE ABDE™
CERTIFICATION
EXAM

06 | AWARD

THE DIGITALLY BADGED ABDE™

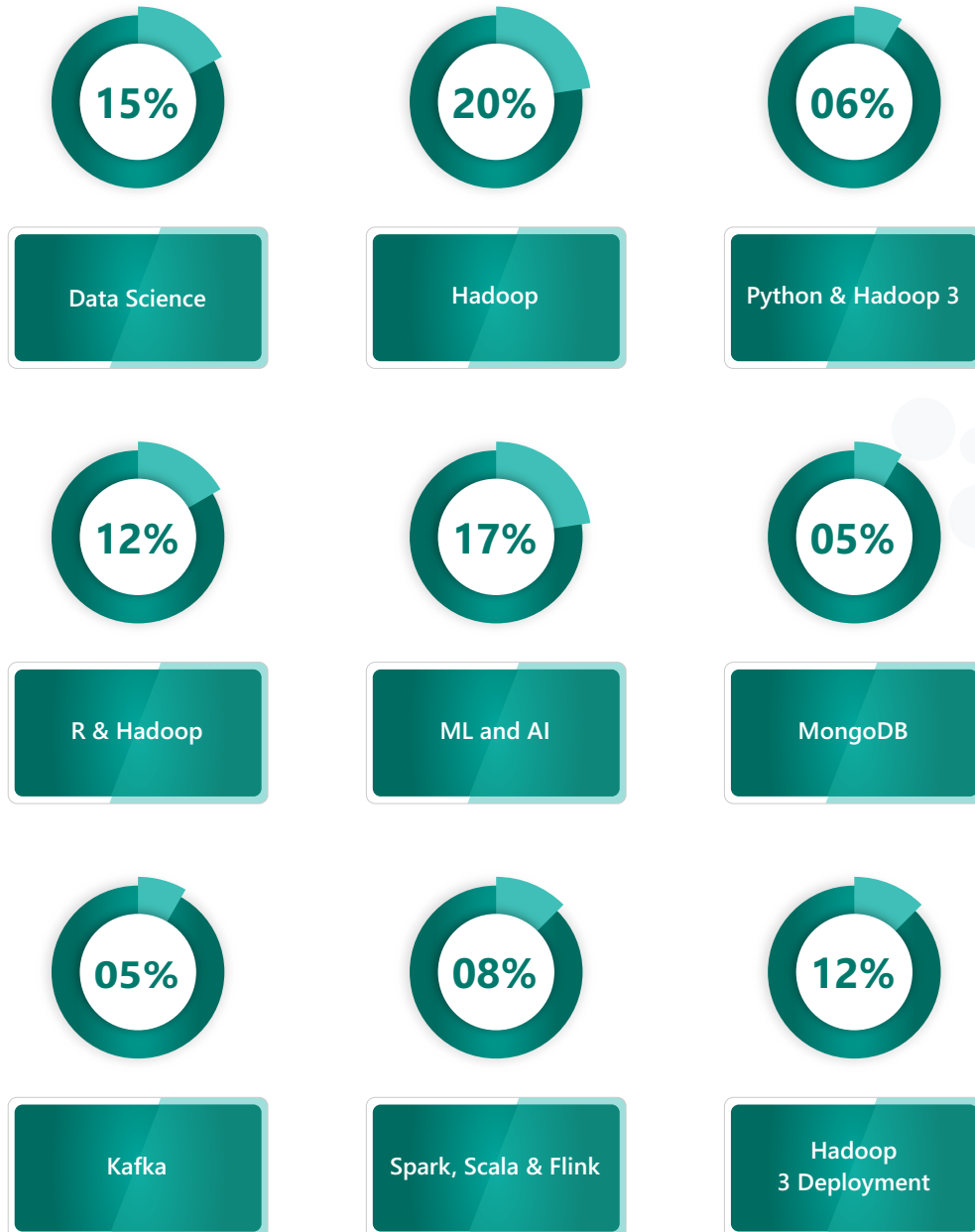


Program Pre-requisites

The learning scope, requirements, and rigor of the ABDE™ program necessitates that individuals intending to undergo the program have a prior, strong formal exposure and knowledge of the basic concepts of programming, and ideally, are hands-on with the tools and techniques of object oriented programming – knowing Core JAVA and being able to understand SQL statements.

They should also be ideally, aware of the basics of scripting languages like PERL or RUBY, and have a good understanding of the Linux and Unix environments. Though not necessary, it is recommended that ABDE™ aspirants should be also comfortable with handling databases and spreadsheets. And finally, ideal applicants would also have a basic understanding and exposure to Big Data uses in business and general technology trends.

Examination Coverage Information



ABDE™ Examination Preparation



Individuals registered for both the DASCA Big Data Engineer programs are provided with the full DASCA Certification Preparation Kit to help them study and prepare for their ABDE™ Certification examination.

This kit is provided completely FREE to all registrants across the world after DASCA has approved their candidacy for ABDE™, and their payment of the program registration fee is through. This DASCA Official Exam Preparation Kit for DASCA Engineer Certifications, consists of the following:

ABDE™ Handbook 1: Foundations of Big Data Engineering

ABDE™ Handbook 2: Advanced Big Data Engineering

Online Learning & Preparation Resources

About DASCA

The Data Science Council of America (**DASCA**) researches, designs, and builds platform-independent Data Science knowledge frameworks, standards, and credentials, and certifies individuals entering or working across the spectrum of emerging Big Data professions. The prime goal of **DASCA** today is to constantly strive to refine and optimize the numerous roles and jobs in the Big Data space into concrete, sharply defined professions.

DASCA Credentials, approaches, initiatives, and programs work toward developing high-quality professionals to address squarely the challenging expectations of Big Data stakeholders internationally. Engineers, Analysts, and Scientists credentialed by **DASCA** form the world's top-league of the best-bred Big Data professionals.

To know more, please visit the [website](#).

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Data Science Council of America

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BIG DATA ENGINEER

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