ENTERPRISE BIG DATA FRAMEWORK

3-day course

ENTERPRISE BIG DATA PROFESSIONAL

MASTER THE FUNDAMENTALS OF BIG DATA FOR SMARTER DECISIONS

As. data reshapes every industry, mastering Big Data has become a necessity. The Enterprise Big Data Professional (EBDP®) Certification, part of the DASCIN® Enterprise Big Data Framework, helps professionals and organisations build a strong Big Data foundation to meet tomorrow's challenges

This globally recognized credential provides a comprehensive introduction to Big Data and data science, covering core concepts, technologies, and industry best practices—without requiring programming expertise. Designed for aspiring data professionals, business leaders, and IT specialists, the EBDP® Certification empowers individuals to make data-driven decisions and build a solid foundation for future career growth.

With no prerequisites required, this certification is accessible to anyone eager to harness the potential of Big Data and gain a competitive edge in the digital economy.

As the entry-level qualification within the DASCIN Enterprise Big Data Framework scheme, the EBDP serves as a foundation for advanced certifications, such as the Enterprise Big Data Analyst (EBDA®) and the Enterprise Big Data Engineer (EBDE®). While EBDP is not a prerequisite for further certifications, it is highly recommended for building a solid base in Big Data concepts.

SYLLABUS SCOPE

The Enterprise Big Data Professional Certification covers fundamental Big Data principles, including data characteristics (volume, variety, velocity, veracity), architecture, and industry technologies like Hadoop and Spark. It explores data processing, analytics, governance, and security, emphasizing best practices for data quality, compliance, and privacy. Additionally, the course highlights business applications, demonstrating how organizations can leverage Big Data for innovation, efficiency, and competitive advantage.

EXAM DETAILS

PASSING MARK	FORMAT
39 OUT OF 60	MULTIPLE CHOICE



FORMAT

Instructor-Led Training (Live or Virtual) | Self-Paced Online Training

KEY FEATURES

1. **Comprehensive Curriculum** – Covers essential big data concepts, architecture, analytics, and governance.
2. **Practical Learning Approach** – Engages candidates through real-world use cases, hands-on exercises, and case studies.
3. **Accreditation** – Recognized and accredited by APMG International, ensuring global credibility.
4. **Lifetime Certification** – No renewal required, offering long-term validation of big data expertise.
5. **Industry-Relevant Content** – Aligns with the latest business and technology trends for practical application.
6. **Vendor-Neutral Certification** – Focuses on universal big data principles rather than platform-specific tools.
7. **Career Progression** – Serves as a steppingstone to advanced certifications in big data and analytics.

DASCIN®



+30%

The employment of data analysts and scientists, big data specialists, AI machine learning specialists and cybersecurity professionals is expected to grow on average by 30% by 2027.

JOB DEMAND

The demand for big data skills continues to escalate across various industries, as evidenced by several recent studies and reports:

- **World Economic Forum's Future of Jobs Report 2025**: Employers anticipate that 39% of key skills required in the job market will change by 2030, with a significant emphasis on artificial intelligence (AI) and big data competencies.
- **The U.S. Bureau of Labor Statistics** projects a 36% growth in job openings for data professionals between 2023 and 2033, substantially higher than the average 4% growth across all occupations.
- **The Times on Data Careers**: Data-driven companies in the UK contribute £343 billion annually and employ 1.5 million people. Careers in data offer significantly above-average salaries, making them attractive to tech enthusiasts.
- **Business Insider on Employment Trends**: The rise of remote work and AI is influencing employment trends, with a growing preference for skills-based hiring over formal credentials, impacting job security for professionals with advanced degrees.

TARGET AUDIENCE

The target audience of the Enterprise Big Data Professional qualification includes:

- **Aspiring Data Analysts** – Professionals looking to build a strong foundation in Big Data concepts and prepare for more advanced analytical roles.
- **Business Professionals** – Individuals seeking to understand the fundamentals of Big Data to better utilize data-driven insights for strategic decision-making.
- **Aspiring Data Engineers** – Engineers aiming to broaden their knowledge of data ecosystems and how foundational data concepts underpin analytical and technical solutions.
- **IT Professionals** – Those in IT roles who want to gain an introductory understanding of how Big Data processes support enterprise objectives and foster innovation.
- **Managers and Decision-Makers** – Leaders seeking to establish a comprehensive understanding of Big Data principles to drive informed, data-based strategies within their organizations.

FREQUENTLY ASKED QUESTIONS

Q: Who should take the Enterprise Big Data Professional (EBDP®) Certification?

A: The EBDP® Certification is ideal for aspiring data analysts, business professionals, IT professionals, managers, and decision-makers who want to build a strong foundation in Big Data concepts without requiring programming or technical implementation.

Q: Are there any prerequisites for enrolling in the EBDP® Certification?

A: No, there are no mandatory prerequisites. The certification is open to anyone interested in gaining foundational Big Data knowledge, making it accessible for professionals from various backgrounds.

Q: Is the EBDP® Certification recognized globally?

A: Yes, the EBDP® Certification is part of the DASCIN® Enterprise Big Data Framework and is accredited by APMG International, making it a globally recognized credential.

Q: Does the EBDP® Certification require renewal?

A: No, the EBDP® Certification is a lifetime credential and does not require renewal or periodic re-examination.

Q: How does the EBDP® Certification align with industry trends?

A: The certification is aligned with the latest industry trends, covering key Big Data technologies, governance, and analytics. The increasing demand for data skills helps professionals stay competitive in the evolving job market.

Q: Will I need to write code during the course?

A: No. You will not be expected to write code. Instead, you will interpret and apply outputs from tools like R, focusing on the insights and decision-making rather than programming.



TARGET INDUSTRY

Foundational Big Data knowledge is transforming how industries build data literacy, streamline operations, and prepare for advanced analytics. The Enterprise Big Data Professional (EBDP®) Certification is highly relevant for professionals in:

- **Financial Services & Banking** – Laying the groundwork for risk management, regulatory compliance, fraud detection, and customer data insights.
- **Healthcare & Pharmaceuticals** – Understanding data ecosystems to support patient data structuring, compliance, and digital health transformation.
- **Manufacturing & Supply Chain** – Enabling data-driven visibility, foundational knowledge for predictive maintenance, and process optimization.
- **Government & Public Sector** – Building data awareness for evidence-based policymaking, public service innovation, and citizen data privacy.
- **Retail & E-Commerce** – Establishing core data skills for customer behavior tracking, personalized marketing, and sales forecasting.
- **Technology & Software** – Supporting early-stage analytics, AI readiness, and cross-functional collaboration with structured data approaches.
- **Telecommunications** – Empowering teams to manage usage data, improve service delivery, and prepare for advanced customer analytics.
- **Energy & Utilities** – Developing foundational skills in energy consumption data, infrastructure monitoring, and sustainability reporting.
- **Transportation & Logistics** – Building data competencies for route planning, fleet monitoring, and logistics efficiency.
- **Insurance** – Strengthening data literacy for risk modeling, claims management, regulatory adherence, and market segmentation.

CONCLUSION

The Enterprise Big Data Professional Certification equips professionals with the knowledge and skills required to navigate the rapidly evolving world of big data. By focusing on key concepts such as big data architecture, analytics, governance, and business applications, this certification enables individuals to make meaningful contributions to data-driven initiatives within their organizations.



CONTACT & MORE INFORMATION

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