



Innovation Center for Education

Data Science

**IBM Global
Certification Program**



IBM in Kerala

Marketing Trends

✓ Growth

It will add \$15 Trillion to the world economy by 2030

✓ Job opportunities

Globally 58000+
India 5000+

✓ Salary

Global average salary INR 80L pa



Global Skill Gap

According to Sector Skills Council chief executive, the demand-supply gap for skills affected the industry's performance in 2018, due to shortage of 140,000 skilled techies for 500,000 jobs in the industry across verticals.

"Going forward, the industry will face a shortage of 230,000 skilled techies as jobs in AI and Big Data are estimated to be 780,000 by 2021,"

Why Learn Data Science ?

Data science carries the key to the future. It deals with the concepts of data and extract the knowledge from the data to gain an insight into organisation business. In one or the other way all the business are directed through data-driven decisions.

Data Science

Data science is an extensive field that refers to the collection, concepts, tools and technology that enables the evaluation, investigation and extraction of valuable information from raw data.

The main purpose is to extract the precise information that can be utilized for multiple reasons, including decision making, development of products, understand the trend and predicting.

Pre-requisites

Academic Qualification

- Science graduates and pursuing students (CS/ IS/ ECE/ Instrumentation/ Electrical/ Mechanical/ Automotive/ Civil)
- Diploma - 2nd and 3rd year
- B.Tech - 3rd and 4th year
- BCA
- M.Tech/MCA/MSc - 1st and 2nd year
- Professionals with minimum 2 years experience in IT with at least one programming skill

Skills

- Basic programming skills
- Basic analytics
- Basic data visualization

Subjects

- Introduction to data science
- Data mining and predictive analytics
- Descriptive analytics

About Us

IBM and ASAP Collaboration

Additional Skill Acquisition Program has identified the need to tie up with well recognised organization, whose skill development methodologies, tools and capabilities are proven, whose certification is globally recognized.

IBM shall provide the solution to meet the need of the students of CSP and its affiliated colleges by providing the industry oriented project driven globally recognized certification program as per the curriculum of IBM iCAT identified and selected tracks.

IBM

74+ years of experience in the field of education, one of the most respected and recognized company globally.

ASAP

ASAP was incorporated in the year 2012 through State Skill Development Project with the aim of 'empowering' the youth of Kerala.

Why Choose Us ?

- World Class Content
- Virtual Labs
- Learning Pedagogy
- Enhanced Learning
- World Class Training
- Projects
- Flexibility
- Global Recognition

Data Science Outcome

On successful completion of this specialization, the audience will:

- Gain knowledge on using analytical tools for analyzing the data
- Gain knowledge on the concept of performance metrics and its importance to business
- Understand the application of predictive analytics in solving real-world business problems
- Gain knowledge on the steps involved in data understanding and data preparation
- Understand the importance of Big Data, the risks of Big Data and the need for Big Data
- Learn about the usage of descriptive analytics in analyzing the past behaviour which influences the future outcome
- Get IBM digital badge as a data science professional



Job Roles

- Data analyst
- Data scientist
- Data engineer
- Data architect
- Product analyst
- Statistician
- Data and analytics manager
- Decision maker
- Expert analyst
- Qualitative expert/Social scientist
- Researcher
- MIS reporting executive
- Big data engineer
- Analyst

IBM Digital Badge



**Become a globally certified
Data Science professional !
Start Now !**

Contact Us

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