

Data Science:

Data Science is a versatile field that has found applications in every industry, including healthcare, banking, e-commerce, business, and consultancy services. However, only a handful of individuals possess the requisite skill-set to make it big in **Data Science**.

Nowadays, Data Science is a buzzword in the technology world. It is a major step towards how computers can learn. Day-to-day evolution in technology and the generation of huge amounts of data have led to the high demand for Data Scientists across the globe. The importance of gathering and collecting data is crucial as it enables organisations to determine and thus influence the trends in a particular industry.

Data Science encloses many breakthrough technologies like Artificial Intelligence (AI), Internet of Things (IoT), and Deep Learning to name a few. The progress and technological developments in data science have increased its impact across every industry.

What is Data Science?

Data Science can be defined as a multi-disciplinary tool that extracts insights from structured and unstructured data using scientific methods, processes, algorithms, and systems. In technical language, Data Science unifies statistics, data analysis, and machine learning to understand and analyse actual phenomena through data.

Data Science cannot be considered a completely technical tool as it employs techniques and theories from fields such as mathematics and statistics along with computer science and information science. The main 3 components involved in data science are organising, packaging and delivering data. Data Science analyses data and results of that analysis are used to draw conclusions and take decisions on it.

