



FULL STACK

DATA ANALYTICS

Developing Future-Ready Professionals in
Data Science and Analytics

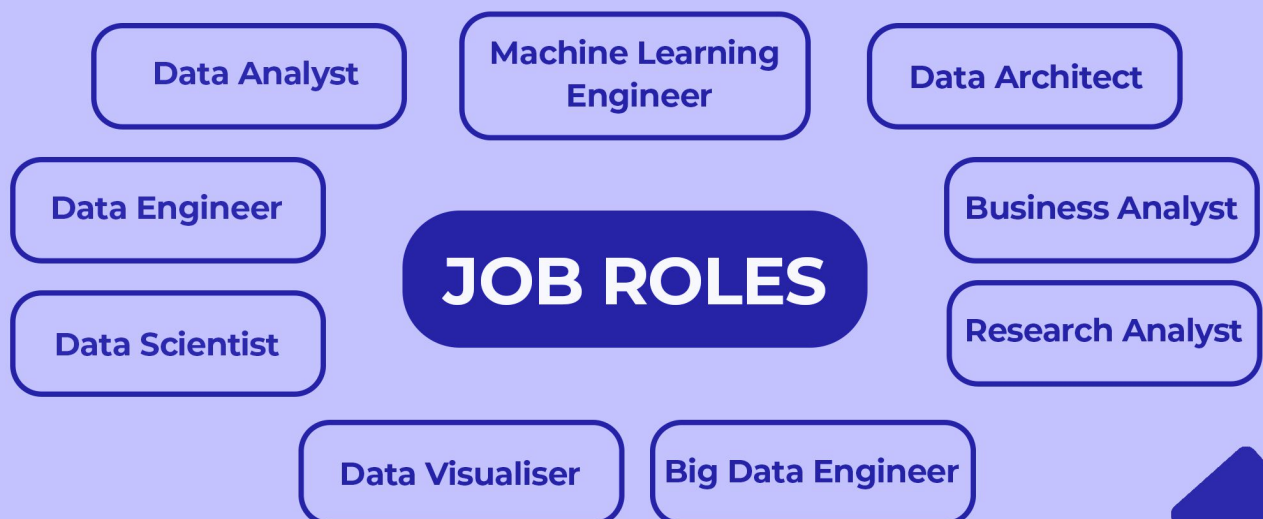
Industry-Abridged Minor Degree/Specialisation

OVERVIEW

Data Analytics has become an important and pivotal role today in many industries. The massive amounts of data that are being produced in every industry demands a huge need for a deeper data analysis, which can derive meaningful information and bring out the best results for making the right business decisions.

Over the last few years, many companies have started implementing data science techniques to grow their businesses and improve their performance. This brings in more career opportunities in the areas of data science and data analytics for graduates and professionals.

The Data Analytics stack from L&T EduTech is built with well-rounded courses in the areas of Data Science and Analytics. The stack is intended to further your career in Data Science by learning with world-class training and methodology. Learners will understand all about the fundamentals of Data Analytics and Data Engineering, along with Artificial Intelligence, Machine Learning and Data Visualisation.



COURSES IN STACK

S.No	COURSE	DURATION (In hrs)	CREDITS	RECOMMENDED SEMESTER
1	Fundamentals of Data Analytics	45	3	II
2	Programming for Data Analytics	45	3	III
3	Data Engineering Foundation	45	3	IV
4	Data-Driven Storytelling and Visualisation	45	3	V
5	Artificial Intelligence and Machine Learning	45	3	VI
6	Social Media and Big Data Analytics	45	3	VII

TOOLS & TECHNOLOGIES

- ▶ Python
- ▶ R Programming
- ▶ Hadoop
- ▶ Hive
- ▶ Pig
- ▶ Spark
- ▶ MS SQL
- ▶ MySQL
- ▶ MongoDB
- ▶ NumPy
- ▶ Pandas
- ▶ PySpark
- ▶ Tensorflow
- ▶ Keras
- ▶ NLTK
- ▶ Sklearn
- ▶ BeautifulSoup
- ▶ Tableau
- ▶ Power BI
- ▶ D3.js

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