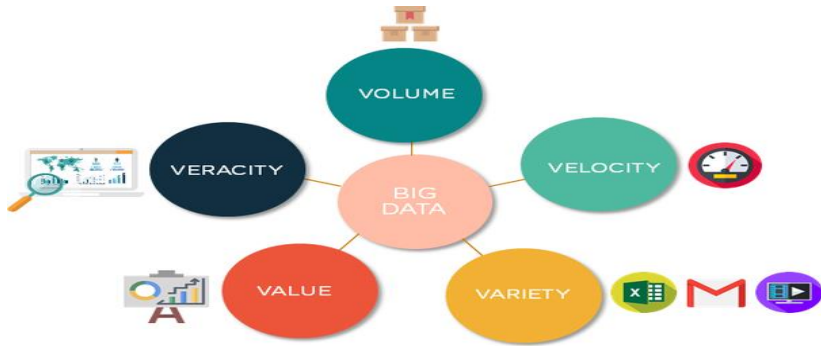


M.Sc. BIG DATA ANALYTICS



ABOUT THE PROGRAMME

M.Sc. Big Data Analytics has been developed to create Postgraduates who can become data scientists capable of working with the massive amounts of data now common to many businesses.

It is designed to provide students with a comprehensive foundation for applying statistical methods to solve real-world problems.

Courses Offered

- Python for Data Analytics
- NoSQL Databases
- Statistics, Multivariate Analysis
- Regression Analysis & Statistical Inference
- Big Data Technology using Hadoop
- Social Media Analytics
- Text Data Analytics
- Data Mining with R
- Machine Learning for Big Data
- Big Data Engineering and Visualization
- Big Data Analytics using Spark
- Cloud Computing
- Marketing Data Analytics

HIGH LIGHTS

- The School of Information Technology offers a two Year M.Sc. Big Data Analytics program from the academic year 2022-23 under the Autonomous Scheme.
- The syllabi are designed as per the guidelines of Osmania University.
- The Choice Based Credit System has been introduced to give better choices to the students in technology domains with a deep dive such as – Data Science, Data Analytics, and Big Data Technologies.
- This program has an integrated curriculum that consists of a highly diverse set of Data Science, Statistics, IT courses, Big Data Technology Courses, interdisciplinary Big Data research projects, continuous interaction with industry, and personality development courses.
- The program equips students with the skill and relevant competence to handle all practical problems faced by the industry.

Eligibility Criteria

B.E. / B.Tech. / BCA / B.Sc. Degree with a minimum aggregate of above 50% marks along with Mathematics or Statistics or Computer Science as one of the subjects and with Mathematics in 10+2 level.



LOYOLA ACADEMY



Students will be able to:

- ❖ Gain strong analytical skills on an advanced level, needed in academics, industry, and research.
- ❖ Develop communication, interpersonal, and other critical skills.
- ❖ Get industrial exposure within a specific field of Data Analytics, through Industrial internships.
- ❖ Apply for data analytics job opportunities in the domain of predictive analytics, descriptive statistics, etc.

Employment Opportunities

- Big Data Analyst
- Big Data Manager
- Data Engineer
- Big Data Administrator
- Data Scientist
- Big Data Developer