



# BSc-Data Science

## FREQUENTLY ASKED QUESTIONS

### 1. Why Data Science?

Data science, as a field, has established itself as a top career option. Its importance in business cannot be downplayed. Experts already rate it as one of the highest-paying careers of the 21st century. Government, as well as private organisations are on the lookout for competent Data Scientists and there exists a scarcity of the same.

The overwhelming value that Data Science provides to organisations, economies, and the people is why it has exploded in the past few years and why companies are willing to pay high-salaries to the people with the right skill sets.

### 2. Future of Data Science and Data Scientist

Data science program and data scientist have great future. It will spark the emergence of new data science paradigms. We can use more data to drive key business decisions. We will enable innovations like "Deep Learning". It allows for accurate predictions and decision making. Further, modern applications have brought to fore new statistical paradigms.

The most important thing is - skilled data scientists, statisticians, and, business analysts will be the key to unlocking the endless possibilities of big data in coming future.

### 3. Which Major Industries Need Analytics?

There are many reasons why the world's biggest industries need data professionals, so someone looking into this career can have their pick of the litter. For instance, the healthcare industry has taken to data analytics to look at a number of areas, including physician performance, patient and hospital costs, and health risks in any particular area of the world. Big data is even making strides towards solving the opioid crisis and understanding trends that could cure cancer.

The energy sector is also looking for bright minds that can help find alternative energy sources, increase efficiency with current power, and find new ways to avoid power outages in problem areas.

### 4. Expertise and infrastructure in Navrachana University for the program

We have enough expert faculties of every field including mathematics, statistics and computer science with great academic and industrial experience.

We have well- equipped computer labs with latest software's and tools installed.

### 5. What are the contents of the program?

- Statistics, mathematics and machine learning
- R, Python, Java programming
- Databases: the data types, the technologies used to store them, and how they are retrieved
- Knowledge of tools like Hadoop, Octave, and Clouds. Couple these with visualization and data reporting tools like Tableau

**6. Eligibility for the B.Sc (Data Science) program**

Student must passed 10 + 2 (Science (A / B) / Commerce / Arts) with minimum 50 %

**7. Total number of seats**

30 seats

**8. Fees structure**

50 thousands rupees per semester

**9. Admission procedure**

Interested student has to fill up online application on Navrachana University website ([www.nuv.ac.in](http://www.nuv.ac.in) ) and submit hard copy of application form with supporting documents in admission office. We will call a candidate for a personal interview on the basis of eligibility

**10. Industrial exposure**

We have full industrial internship in the last semester of the program where students can learn and explore their knowledge to deal with real world problems and data sets

**11. Opportunities after the program**

We have excellent training and placement cell that helps students to start their career with top industries

**12. Further studies after this program**

Students those interested in further studies, can join master degree in data science or computer science or information technology.

