THE NORTHCAP UNIVERSITY
POWERED BY
Arizona State University

Top UG Data Science Programmes in India
By Analytics India Magazine
2021

DATA SCIENCE EDUCATION RANKING
TOP FULL-TIME PG COURSES IN INDIA
2020

DATA SCIENCE EDUCATION RANKING
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25 YEARS OF EXCELLENCE

QS STARS RATING SYSTEM
TEACHING | EMPLOYABILITY | ONLINE LEARNING
2021

Real World Data Science Projects

Six Weeks Summer Training Program

13th June -23rd July 2022

Organized by
Center of Excellence in Data Science
Department of Computer Science & Engineering
The NorthCap University, Gurugram

About the University

The NorthCap University (NCU), founded in 1996 as Institute of Technology and Management (ITM) is known for delivering high quality of education that transforms lives and forges alliances to handle the new world order locally and globally. Over the last 25 years, the institute has transformed into a multi-disciplinary university and a destination of choice, offering industry and socially relevant undergraduate, postgraduate, and doctoral degree programs in Engineering, Applied Sciences, Management, Liberal Arts and Law. NCU has earned itself a place among the top universities in the world for its academic offerings with a perfect score of 5 stars in Teaching, Employability, Academic Development, Online Learning, and Inclusiveness and an overall rating of 4 stars by the prestigious Quacquarelli Symonds (QS) Stars Ratings, the world's largest rating agency. Further, The School of Engineering and Technology at The NorthCap University has been ranked amongst the Top 100 Engineering Institutions across the country in All India NIRF Ranking 2021. NCU in the category of 'Private-Self-Financed University' in the Atal Rankings of Institutions on Innovation & Achievements (ARIIA). The NorthCap University has been accredited by National Assessment and Accreditation Council (NAAC) and the Assessment Services to International Colleges (ASIC), UK in the category of 'Premier' Universities with 'Commendable' Grades. NCU has consistently achieved top rankings in different surveys for a good placement record of students and imparts value-based education.

About the Program

The Training program aims at developing innovative thought process & research skills among participants through hands-on training on real world Data Science problems. It aims at bridging the learning gap between classroom teaching and project-based learning in the domains of data Science & related areas.

Centre of Excellence in Data Science

The Centre of Excellence in Data Science, under the Department of Computer Science & Engineering, addresses specific developmental challenges by offering value-added programs & training for enhancing employability skills of our students as per the latest requirements of the industry in the domain of Data Science and Machine Learning. It aims to provide an ecosystem for innovation to thrive and embrace entrepreneurship and create quality human capital. The Centre is well equipped with iMac machines with 27-inch iMac retina 5K display, 3.8GHz 8-core 10th-generation Intel Core i7 processor, turbo Boost up to 5.0GHz, 8 GB RAM and 1TB SSD storage, Radeon Pro 5500XT graphics card with 8GB of GDDR6 memory perfectly suitable for undertaking research in emerging areas. The Data Science Program at NCU has been ranked among top UG & PG Data Science programs in India, according to the popular Analytics India Magazine survey. The Centre is offering a Six Weeks Summer training and Certification Program on real-world data science projects that will enable the participants to develop industry ready skills required in the companies that use data as their primary business model. Demand for Data Analysts / Data Scientists is growing exponentially in the market.

Patrons

Prof. Prem Vrat , Pro-Chancellor ,
The NorthCap University, India
Prof. Nupur Prakash, Vice-Chancellor ,
The NorthCap University, India

Co-Patron

Prof. Rita Chhikara , HOD CSE,
The NorthCap University, India

Program Conveners

Dr. Pankaj Agarwal,Professor,
The NorthCap University, India
Dr. Nitin Malik,Professor,
The NorthCap University, India
Dr. Sujata, Assistant Professor,
The NorthCap University, India

Program Highlights

24X7 Content Repository & Best-In-Class Support

Face-to-face & Project Based Learning

Eminent and Certified Experts

Hands-on exposure & Industry Connect

Curriculum in sync with the latest industry needs

Program Highlights

- 24X7 Content Repository & Best-In-Class Support
- Participants will get hands-on exposure to real world problems;
- Einent and Certified Experts
- Hands-on exposure & Industry Connect
- Curriculum in sync with the latest industry needs

Techniques to be applied

- Statistics for Data Science
- Data Engineering
- Regression Analysis
- Classification Models
- Time Series Forecasting
- Clustering Techniques
- Ensemble Techniques
- Recommendation Systems
- Deep Neural networks
- Text Analytics and Natural Language Processing
- Image Analysis & Computer Vision

Sample Case Studies

- Walmart-recruiting-store-sales-forecasting
- HR Analytics Case Study
- Case Study Bellabeat
- Healthcare Analysis
- Energy Consumption Forecast
- Trading Strategy for BitCoinIdentifying and analyzing Patterns in New Delhi's Air
- Pollution Building an Asset Amazon E-Commerce Case Study
- Predicting Red Hat Business Value
- Expedia Hotel Recommendations
- Airbnb New User Bookings
- Prudential Life Insurance Assessment
- Personalized Medicine: Redefining Cancer Treatment

Program Outcomes

- Learners will learn the complete life cycle of Data Science Projects.
- Participants will get hands-on exposure to real world problems from various domains including Medical Diagnosis, Business, Environment, Social problems, Agriculture, Security etc.

Prerequisites

- Working knowledge of python programming

Resource Persons
(Experts from Industry and Academia)

- IBM Certified Experts from Industry and Academia

Our Collaborating Partner

Duration & Time

- June -July 2022 (Six weeks)
- Three Days a week

Course Fee

- INR 15,000/-
  (Early bird registration by 30th April will get 40% discount)

Registration Details

- https://tinyurl.com/24y83y3m

Contact us

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