greatlearning
Learning for Life

GREAT LAKES
EXECUTIVE LEARNING

PGP-DSE

Post Graduate Program in

DATA SCIENCE ENGINEERING

7-Month Classroom Program | Dedicated Placement Assistance

THE TIME IS NOW

46%

Analytics professionals in India
have a work experience of less than 5 years.

61%

Jobs are open for candidates with
0-5 years experience.

2.7 MILLION

The 2020 global estimate calls for 2.7 million job postings for analytics and data science roles.

33.5%

Indian data science industry is growing at a healthy rate of 33.5 per cent CAGR.

2020

India to become one of the top three markets for Big Data by 2020.

**Sources: PWC, NASSCOM, Analytics India Magazine.*

BEST ED-TECH COMPANY OF THE YEAR

EdTechReview Awards 2020

GREAT LEARNING'S **CREDENTIALS**

17
Top Ranked Programs

22 Million+
Hours of Learning Delivered

25,000+
Learners

1,500+
Industry Experts

1,100+
India's Top Faculty

350+
Hiring Partners

GREAT LAKES' **CREDENTIALS**

#1

Analytics Program

Analytics India Magazine (2015, 2016, 2017, 2018 and 2019)

#4

Top Standalone Institution

Outlook

#4

Private B-Schools

Career360

#5

non iim/iit institute

NIRF

Ritesh Choudhury
Application Development Analyst, Accenture

"The course was structured well. I had some prior knowledge about Data Engineering but didn't know Python coding, now I can confidently say that I am proficient in this domain. The career support was excellent, the program managers helped prepare for interviews and told me what changes to make in my resume, what my weak points were and how exactly I can work to improve. My advice to anyone who will take up this course would be to listen to your faculty. They want the best for you and will help you achieve your goals."

PG PROGRAM IN **DATA SCIENCE & ENGINEERING**

Great Learning & Great Lakes' PGP-DSE is a classroom program designed for fresh graduates and early career professionals looking to build their career in data science & analytics. With the large number of job openings in analytics and data science, PGP-DSE equips you with the right skills and knowledge needed to break into these roles.

Great Learning and Great Lakes have collaborated with the industry to create a program that trains candidates specifically for roles such as business analysts, data analysts, data engineer, analytics engineer and more by teaching relevant analytics techniques, tools, technologies, and hands-on applications through industry case studies.

PROGRAM **DELIVERY**

2-months preparation module with online sessions

5-months of full-time classroom based learning

Classroom sessions from Mon-Thu (9:30 AM to 5:30 PM)

In-class Lab Sessions

Dedicated Placement Assistance

WHY PGP-DSE?

Build/grow your career in data science roles and companies

Learn through in-person classroom sessions and hands-on learning

An industry recognised academic pedigree to boost your career

Learn data science tools & technologies sought after by leading companies

PLACEMENT HIGHLIGHTS

100+

Participating Companies

6.9 LPA

Average CTC

15.6 LPA

Highest CTC

85%

Average Salary Hike

On completing this program, you will:

- Be well versed in analytics tools and technologies such as Python, Tableau, SQL
- Apply industry relevant machine learning techniques such as Regression, Predictive Modelling, Clustering, Time Series Forecasting, Classification, etc.
- Structure a business problem into an analytics framework using statistics and data modelling
- Perform data cleaning and data transformation operations using several tools and techniques
- Present yourself as an ideal candidate for analyst, data engineer, and data scientist roles within leading analytics companies

Upon successful completion of the program, you will receive a Post Graduate Certificate from Great Lakes Executive Learning.

Akhil Kodali
Data Analyst, Indegene

"I had three things in mind: placements, good content to learn, and real-time examples. Great Learning ticked off all three requirements. The teaching staff is well experienced and enriched. Numerous real-world examples were given to us. The course topics were well explained. I gained comprehensive knowledge about all the course topics even though I was starting from scratch. Mock interviews and interviews with industry experts were conducted. This helped me concentrate on my strengths and figure out what my weakness is. I worked hard based on the feedback provided and cracked my very first interview at Indegene Private Ltd, Bangalore."

PROGRAM **HIGHLIGHTS**

Classroom Program

- 7 months of full-time classroom based Data Science program, including 2 months of online preparation module.
- Classroom and Lab Sessions from Monday to Thursday (9:30 AM to 5:30 PM) at the Great Learning center.

Great Lakes Advantage

- Award-winning world-class faculty and industry experts
- Ranked within top 10 business schools in India and pioneered India's #1 ranked business analytics program

Dedicated Placement Assistance

- Career guidance and mentorship by Great Lakes facutly and industry leaders
- Resume review and interview preparation sessions
- Access to opportunities with leading companies

Become job-ready

- Real-world case studies to build practical skills
- Hands-on exposure to analytics tools & techniques such as Python, Tableau, SQL
- Learn industry insights through multiple industry knowledge sessions

PROGRAM **CURRICULUM**

Data Science Foundation

- Introduction to programming in Python
- SQL Programming
- Python for Data Science (Data Cleansing, Manipulation, and EDA)
- Statistical Methods for Decision Making

Machine Learning

- Supervised Learning
  - Regression
  - CART
  - Unsupervised Learning
  - Clustering
  - PCA
  - Decision Trees
- Ensemble techniques
  - Bagging
  - Boosting

Data Science Applications

- Database Management Systems
  - Data Querying-SQL
  - Joins
  - Indexing
- Data Visualisation using Tableau*
- Time Series Forecasting*
- Text Mining & Sentiment Analysis*

**Online instruction*

Tools Covered

- Python
- Tableau
- SQL

Career Preparation

- Aptitude Skill Training and Development
- Resume Review Workshops
- Interview Preparation

Curriculum review and changes are under the purview of the faculty committee and would be undertaken from time to time to ensure the program coverage is in line with the requirements in the industry.

Sownthiriya
Associate Analyst,
Mahindra

"The program is very well designed and in line with what the industry needs. I had no knowledge of data science before and wasn't sure if I would be disciplined enough to take up an online course. The classroom learning allowed me to clear my doubts right then and there which helped a lot. And the inputs that I gained from the mock interview sessions helped me crack the placement process of multiple companies."

Utkarsh Nipane
Data Analyst,
Bewafoof.com

"Program Curriculum was designed with the help of industry experts, so we were directly able to jump into industry applications as a result. Career Support is one of the best you can find, they will stick with you, motivate you, scold you when needed, It was more like a family which took care of every possible problem I had regarding the course."

4 WEEK
HANDS-ON PROJECT

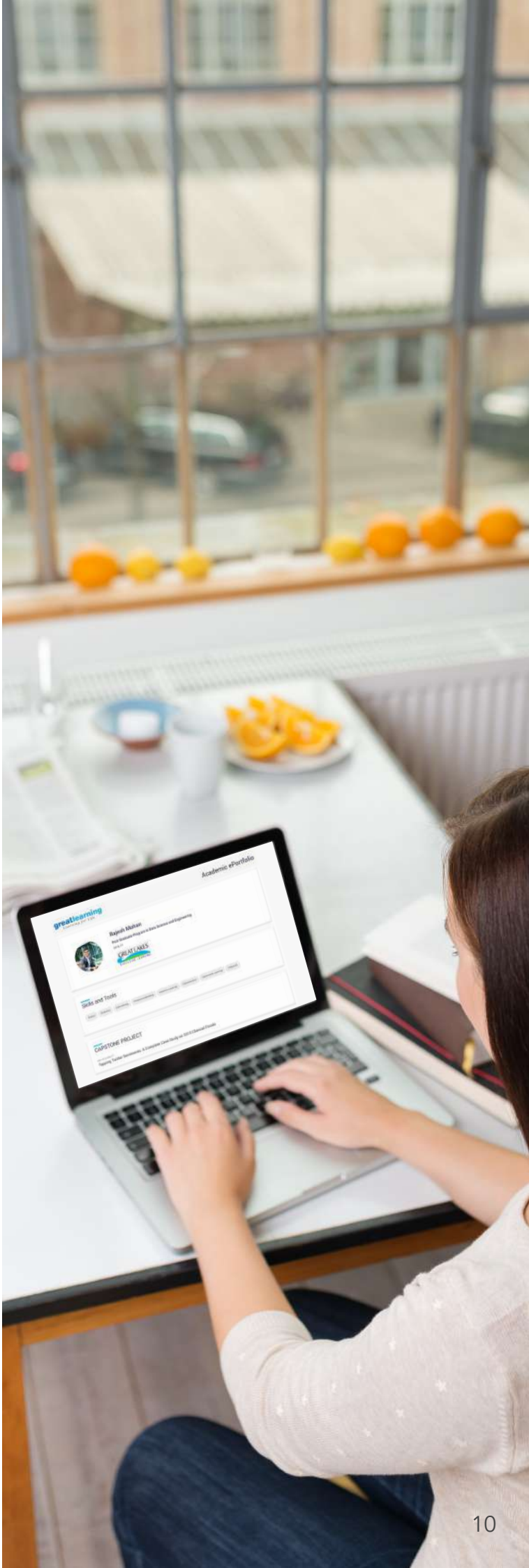
Candidates take up a 4-week application based hands-on capstone project to apply their learning to real-life business problems.

Build job-relevant skills with a real-life industry project

Develop an e-portfolio to showcase to potential employers

Gain perspective from mentors on the approach to solve the problem

Apply and strengthen the concepts learned in the program



PLACEMENT ASSISTANCE

All eligible candiates will receive placement assistance for 3 months after program completion.

Access to Opportunities with Leading Companies

Workshops on Resume Review & Interview Preparation

Career Guidance and Mentorship by Great Lakes Faculty and Industry Leaders

Roles Offered

- Analytics Consultant
- Manager – Analytics
- Data Analyst
- Data Scientist
- Data Engineer
- ML Engineer
- AI Engineer
- Reporting Analyst
- Research Executive
- Statistician

Learners complete the Placement Readiness Evaluation at the end of the program to participate in the placements process.

Placement Highlights

100+
Participating Companies

6.9 LPA
Average CTC

15.6 LPA
Highest CTC

85%
Average Salary Hike

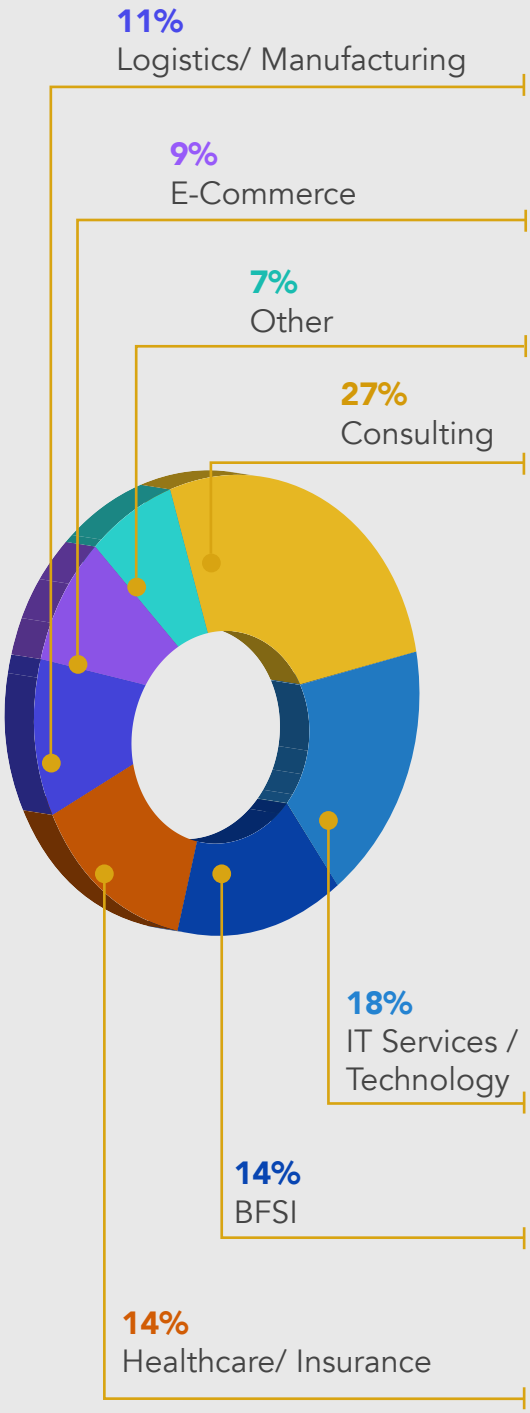
PARTICIPATING **COMPANIES***

- Uber
- Renault
- Oyo Rooms
- FSS
- Sokrati
- Asian Paints
- Unifynd
- Credy
- Fractal Analytics
- Mercedes Benz
- Big Basket
- Mahindra
- G Square
- Cartesian Consulting
- Latent view
- The Math Company
- Saksoft
- Medlife
- KPMG
- Tekion
- Cognizant
- TVS
- Kantar
- Vestas
- Manthan Systems
- EXL Service
- Jana Finance
- Razorthink Technologies
- United Health Group
- Tata IQ
- Factspan
- Indium Software
- Kestone
- Prodapt
- Smith's group
- Tredence
- Bewakoof.com
- TransOrg Analytics
- Mu Sigma
- Paisabazaar
- Arcadis
- Genpact
- Nielsen
- Genebox
- Buddi Health
- Merit
- DXC Technology
- Swiggy
- AI Enterprise
- Policy bazaar
- Indegene
- Ad Global 360
- Marlabs
- OPPO
- HSBC

+100 more companies

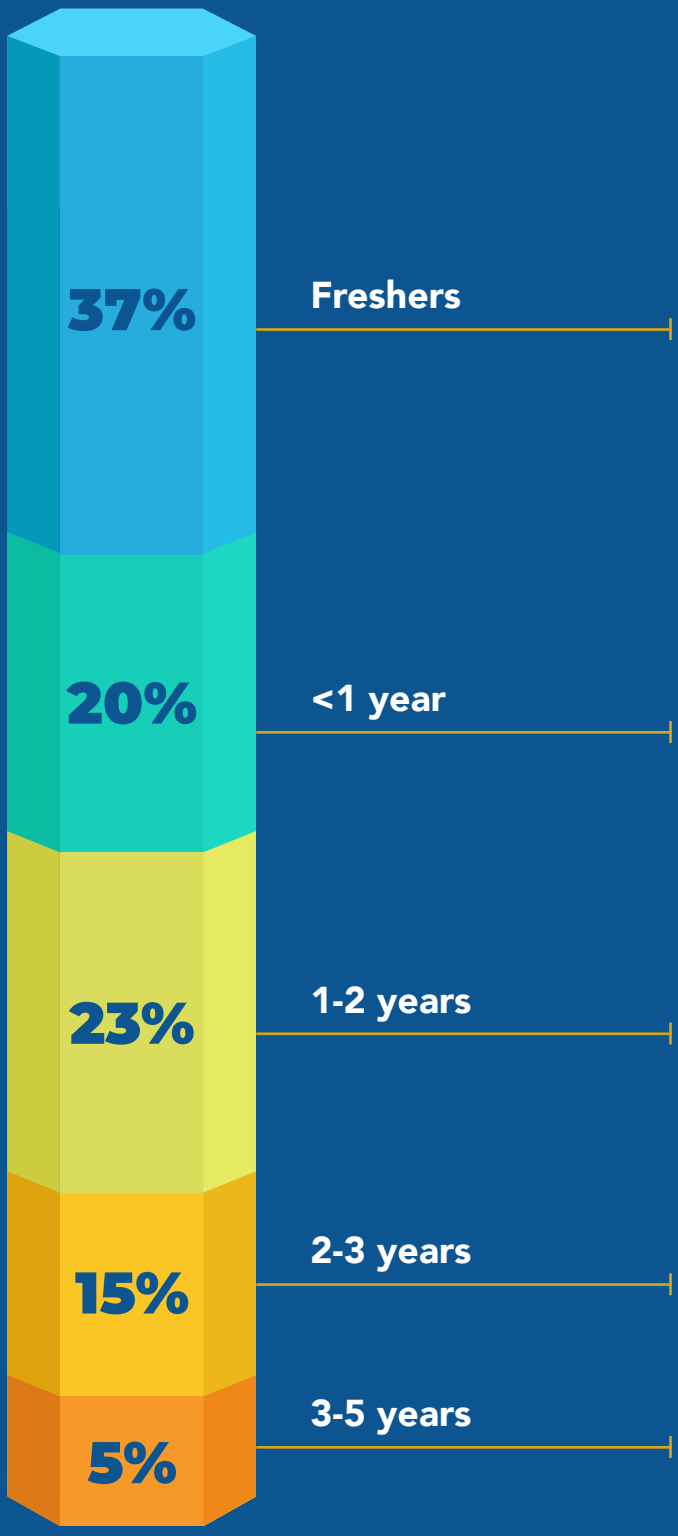
*Indicative list

Industry Classification



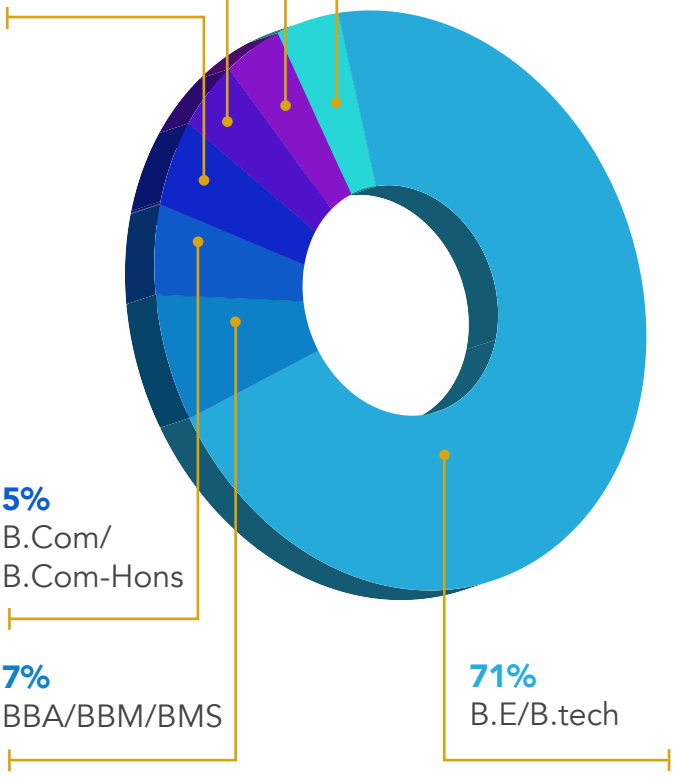
PGP-DSE BATCH PROFILE

Experience Distribution

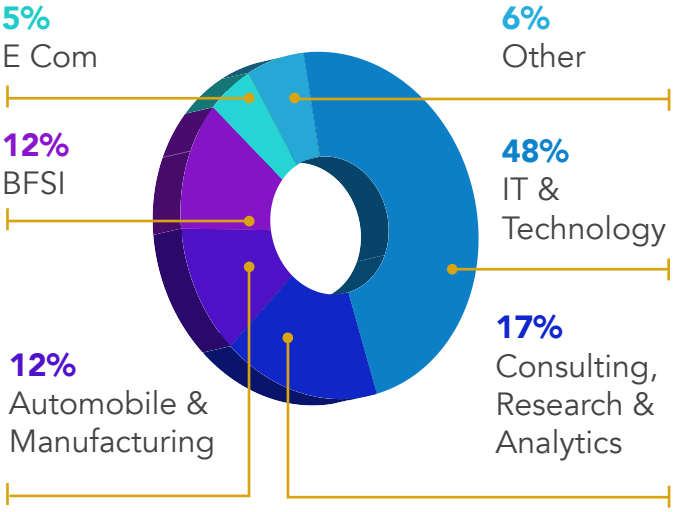


Our students include freshers and experienced professionals from across industries, functions and backgrounds.

Educational Background



Industry Diversity



PROGRAM **FACULTY**

DR. NARAYANA DARAPANEN

Professor, Artificial Intelligence & Machine Learning
Great Learning

Ph.D (Pierre & Marie Curie University, Paris)

DR. MUDIT KULSHRESHTA

Professor
Great Lakes Institute of Management

Ph.D (IGIDR)

MR. R VIVEKANAND

Operations Director
Wilson Consulting Private Limited

MBA (Monash University)

MR. GURUMOORTHY PATTABIRAMAN

Faculty, Data Science & Machine Learning
Great Learning

M.Sc (Madras School of Economics)

DR. SRABASHI BASU

Professor, Business Analytics
Great Lakes Institute of Management

Ph.D (Penn State University)

ALUMNI IN THE **INDUSTRY***

Our alumni have successfully transitioned their careers to business and functional roles in data science and analytics, working with some of the leading organisations in the world including:

amazon, Cognizant, accenture, verizon, Adobe, McKinsey&Company, Deloitte., genpact, Fidelity INVESTMENTS, SAMSUNG, BARCLAYS, Gartner, Tech Mahindra, KPMG, Capgemini, HCL, Honeywell, AON Hewitt, wipro, THOMSON REUTERS, MAERSK, Mu Sigma DO THE MATH, cisco, pwc, citigroup, EY, DELL, AMERICAN EXPRESS, CSC, IBM, इसरो isro

Indicative List

Diptanil Bhowmik
Consultant, Fractal Analytics

"The initial classes were easy but as the major topics came in, it needed an extra effort and the whole management was very helpful with extra classes and other guidance as required. The placement team was an important part of the program as many top-notch companies were brought in and a placement boot camp was set-up for each company. I got an offer from Fractal Analytics as a consultant analyst which gave a great career boost to me being a fresher. The company is great to work for."

TESTIMONIALS

After completing around 4 and a half months of the program, I had applied for Uber. The knowledge that I gained through the course really helped to crack the interview. This program is ideal for anyone who is looking for a transition into the field of Data Science. The curriculum is very well designed and the placement support is really good.

AISHWARYA SARDA
Business Analyst, Uber

PGP-DSE is a top-notch program for students aspiring to make a career in the field of data science. The program has a well-designed course-content and structure and is taught by the best faculty who made us think outside the box constantly. After the completion of the program the assistance provided by the placement team was impeccable, they guided us at every step from the interview preparation to confidently cracking the interviews. Joining Great Lakes was the biggest milestone in my career.

SAI RAMYA MACHAVARAPU
Business Analyst, Mercedes Benz

Coming from a sales and marketing background, I never thought I would end up in a successful company like OYO as a business analyst. All thanks to the Great Lakes team. The kind of learning they provided is industry standard. The team helped me throughout the curriculum whenever needed, be it a webinar, remedial sessions, or personal sessions. Thank you once again for all the support. Happy to be a member of the Great Lakes Family.

GURDEEP CHAWLA
Business Analyst, Oyo

As a consultant in the industry, I couldn't afford the risk of being unaware of using machine learning as a tool to investigate/predict or model the industry dynamics. Joining here was my first choice and it proved to be the best for me. I am being approached by employers for opportunities of my interest. I would recommend this to professionals and students with the desire to undergo training and develop a logical understanding of Data Science. "Great Experience at Great Learning."

YASH AGARWAL
Senior COE Analyst, Uber

If you are sincere and perform well during the program, you will definitely land a job in a good company. I can say that the mock interviews, career fairs, and CV reviews were quite helpful and played a major role in my transition. I had an opportunity to be interviewed by 3 companies from which, I was offered roles by two companies.

SHAWRYA SHARMA
Associate Consultant, KPMG

As a fresher, I knew very little about data science but at the end of the program, I was well-versed with all the industry-relevant tools and topics. It was the ideal and the best way to learn data science. All the concepts were taught during this program with hands-on training on topics like text mining, Hadoop, SQL etc. All the Faculty were really great and I really love the way this program is structured.

RAMYA T
Consultant Data Scientist, saksoft

2-year career gap didn't stop me from bagging a position as a consultant in fractal analytics. Thank you Great Learning.

MAHENDRA SHAJI
Analytics Consultant, Fractal Analytics

Thanks to the Data Science and Engineering program at Great Lakes, I had 2 offers, one from DXC Technology and another from Razorthink. Taking this course to upskill myself was one of the best decisions I've made.

SURAJ SURESH
Data Scientist, DXC Technology

"One who really puts in hard work and makes use of whatever that has been taught in this course will truly shine in both their career and life. I would definitely recommend Great Learning to anyone out there who is confused about how and where to start a career in data science. This is the best place to start your career."

APOORVA KRISHNAN ARUNACHALAM
Data Analyst, Latent View Analytics

PGP-DSE Batches in

BANGALORE
CHENNAI
GURGAON
MUMBAI
HYDERABAD
PUNE

ADMISSION DETAILS

Eligibility

- Applicants should have 60% or above in Xth, XIIth and Bachelor's degree.
- The program is open for candidates in their final semester and recent graduates with 0-3 years of experience.
- The PG Data Science Course is ideal for candidates with a graduation in a quantitative discipline like engineering, mathematics, commerce, sciences, statistics, economics, etc.

Selection Process

Apply by filling a simple online application form.

Admissions committee will review and shortlist.

Shortlisted candidates need to appear for an online aptitude test.

Screening call with Alumni/ Program Director/ Faculty.

Program Fees

₹3,50,000 + GST

(Includes tuition fee, lab access, learning materials, meals & refreshments on the days of classes.)

Candidates can pay the program fee through Net Banking, Credit Cards or Debit Cards, Cheque/DD.

Financial Aid

PropelId eduvanz Making Education Accessible LIQUILOANS

We've tied-up with multiple lending partners to ensure that money is not a constraint in your path of learning.

ABOUT **US**

greatlearning
Learning for Life

Great Learning's mission is to make professionals proficient and future-ready. Its programs always focus on the next frontier of growth in industry and currently straddle across Analytics, Data Science, Big Data, Machine Learning, Artificial Intelligence, Deep Learning, Cloud Computing and more. Great Learning uses technology, high-quality content, and industry collaboration to deliver an immersive learning experience that helps candidates learn, apply, and demonstrate their competencies. All programs are offered in collaboration with leading global universities and are taken by thousands of professionals every year to secure and grow their careers.

GREAT LAKES
EXECUTIVE LEARNING

Great Lakes is India's leading business school with campuses in Chennai and Gurgaon. Led by exceptional faculty and steered by an outstanding advisory council, Great Lakes is ranked amongst India's top 10 business schools and is ranked as the best in the country when it comes to learning analytics. Learning Analytics from Great Lakes ensures you get the industry credibility and acceptance as you look to build your career.

+91 920 568 0225

dse@greatlearning.in

greatlearning.in/dseft