SKILL SCHOOL R

thinkReh

POST GRADUATE PROGRAM IN
DATA SCIENCE &AI

"LEARNING MADE SIMPLE"

CONTENT

DESCRIPTION

Accelerate your Data Science career with Skill School exclusive Postgraduate Program in Data Science and AI. Get on board our rigorous training to equip yourself with the latest innovations in data study with its intersection in Artificial intelligence. The PGP in Data Science and AI at Skill School will explore the dynamics of key technologies like Machine Learning, Data Visualization, and programming languages like SQL, and Python and dive deep into the concept of AI and its applications, Machine Learning, Deep learning and more. The online format for this program facilitates working professionals seeking advanced knowledge in Data Science and AI to further their professional ladders to the advanced levels. The course of study is well-administered by industry leaders training you on the most-in-demand industry- graded skills. The PGP in Data Science and AI is meticulously designed to provide professionals and data enthusiasts with a grasp of a broad array of ideas and techniques of Data science and AI. The program's features of regular simulative tests and practical projects provide a hands-on learning experience that accumulates to the mastery of the subject matter all under the prudent guidance of our expert trainers who have years of industry experience.

THE TIME IS NOW

40%

Analytics professionals in World have work experience of less than 3 years.

36.8%

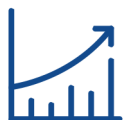CAGR of Artificial Intelligence Global Market Size to grow by 2030

61%

Vacancies for candidates with 0-5 years experience.

11 MILLION

As per US Bureau of Labor Statistics & TOI Journal Estimate job listings for Data Science by 2026.

33.5%

Indian data science industry is growing at a healthy rate of 33.5 per cent CAGR.
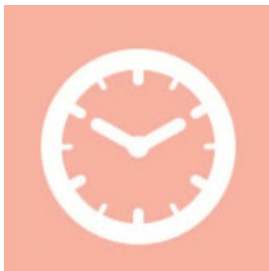
2025

As per World Economic Forum, 463-Million TB Data will be generated each day globally. You will be one of the Data Scientists to manage it.

*SSources: TOI Journal, US Bureau of Labor Statistics, World Economic Forum, PWC, NASSCOM, Analytics India Magazine, MarketsandMarkets

SKILL SCHOOL IMPACT & REACH

250000+
Users

4 Million+
Hours of Learning Delivered

10
Top Ranked Programs

25+
Globally Renouned Data Science Faculty

PG PROGRAM IN **DATA SCIENCE & AI**

The intersection of Data Science and Artificial intelligence is one that is indispensable. Organizations around the world are leveraging artificial intelligence to avoid repetitive tasks and improve customer experience. Skill School developed this advanced PGP in Data Science and AI to cater to the surging needs and demands for Data Science and AI experts who can lead the world of data.

The PGP in DS & AI will take your career to the next level and propel you professionally. The program is open to both professionals and beginners in DS & AI, who are keen on exploring and securing low-investment and high-reward careers in Data Science.

Program Features

- 9-Months Program
- Industry Internship
- Career Assistance
- Globally Renowned Trainers
- Capstone Projects
- Online Lab Sessions
- Multiple Industry Graded Projects

Why Data Science and AI?

- Help in developing excellent business ideas by leveraging accurate data insights.
- Data Scientists and AI professionals are among the fastest-growing and the most lucrative professionals in the market
- Be among those leaders who can make a real impact in the world and improve the quality of living for people.
- Future-proof Career and are the cutting edge technologies

On completing this program, you will:

- Build/grow your career in data science roles and IT companies
- Be adept at the latest tools and trends in AI Technologies highly sought after by Companies
- Perform Data Cleaning and Data Transformation Operations using Several Tools and Techniques. Apply Machine Learning Techniques such as Regression, Predictive Modelling, Clustering, Time Series Forecasting, Classification, etc.
- Be well-versed in Analytics Tools and Technologies such as Python, Power BI, SQL.
- Be well versed in Deep Learning, and Natural Language Processing (NLP).
- Present yourself as an ideal candidate for Data Analyst, Data Engineer, and Data Scientist roles within Leading Companies.

PROGRAM **HIGHLIGHTS**

Online Program

- 9-month s progr aminclud ing Industry graded Internships
- Online Program Online Lab Sessions
- Highly Experienced Faculty

Collaborations

- Collaboration with many eminent Universities and Organisations
- Global Recognition
- Partnerships with top industries

Become job-ready

- Real-world case studies to build practical skills
- Hands-on exposure to analytics tools & techniques such as Python, Power BI, SQL, etc
- Learn and upgrade with industry insights on the latest AI tools and innovations

Career Support & Guidance

- Career guidance and mentorship by faculty and industry leaders
- Resume review and interview preparation sessions
- Training in building remarkable profile and portfolio

PROGRAM **CURRICULUM**

Module 1: Introduction to Python

Module 2: MySQL for Data Storage and Retrieval

Module 3: Data Analysis using Python

Module 4: Statistics

Module 5: Machine Learning

Module 6: Artificial Intelligence and NLP

Module 7: Advance Analytics using Power BI

Module 8: Capstone Project and Guest Lectures

CAPSTONE PROJECTS

E-commerce
Techniques used: Text Mining, Kmeans Clustering, Regression Trees, XGBoost, Neural Network

Retail
Techniques used: Market Basket Analysis, RFM (Recency-Frequency Monetary) Analysis, Time Series Forecasting

Banking
Techniques used: Linear Discriminant Analysis, Logistic Regression, Neural Network, Boosting, Random Forest, CART

Web & Social Media
Techniques used: Topic Modeling using 9 Latent Dirichlet Allocation. K-Means & Hierarchical Clustering

Healthcare
Techniques used: Logistic Regression, Random Tree, ADA Boost, Random Forest, KSVM

Supply Chain
Techniques used: Text Mining, Kmeans Clustering, Regression Trees, XGBoost, Neural Network

Insurance
Techniques used: NLP (Natural Language Processing), Vector Space Model, Latent Semantic Analysis

Science and Technology
Techniques used: Market Basket Analysis, Brand Loyalty Analysis

Finance & Accounts
Techniques used: Conditional Inference Tree, Logistic Regression, CART and Random Forest

Entrepreneurship /Start Ups
Techniques used: Univariate and Bivariate Analysis, Multinomial Logistic Regression, Random Forest

Career Assistance

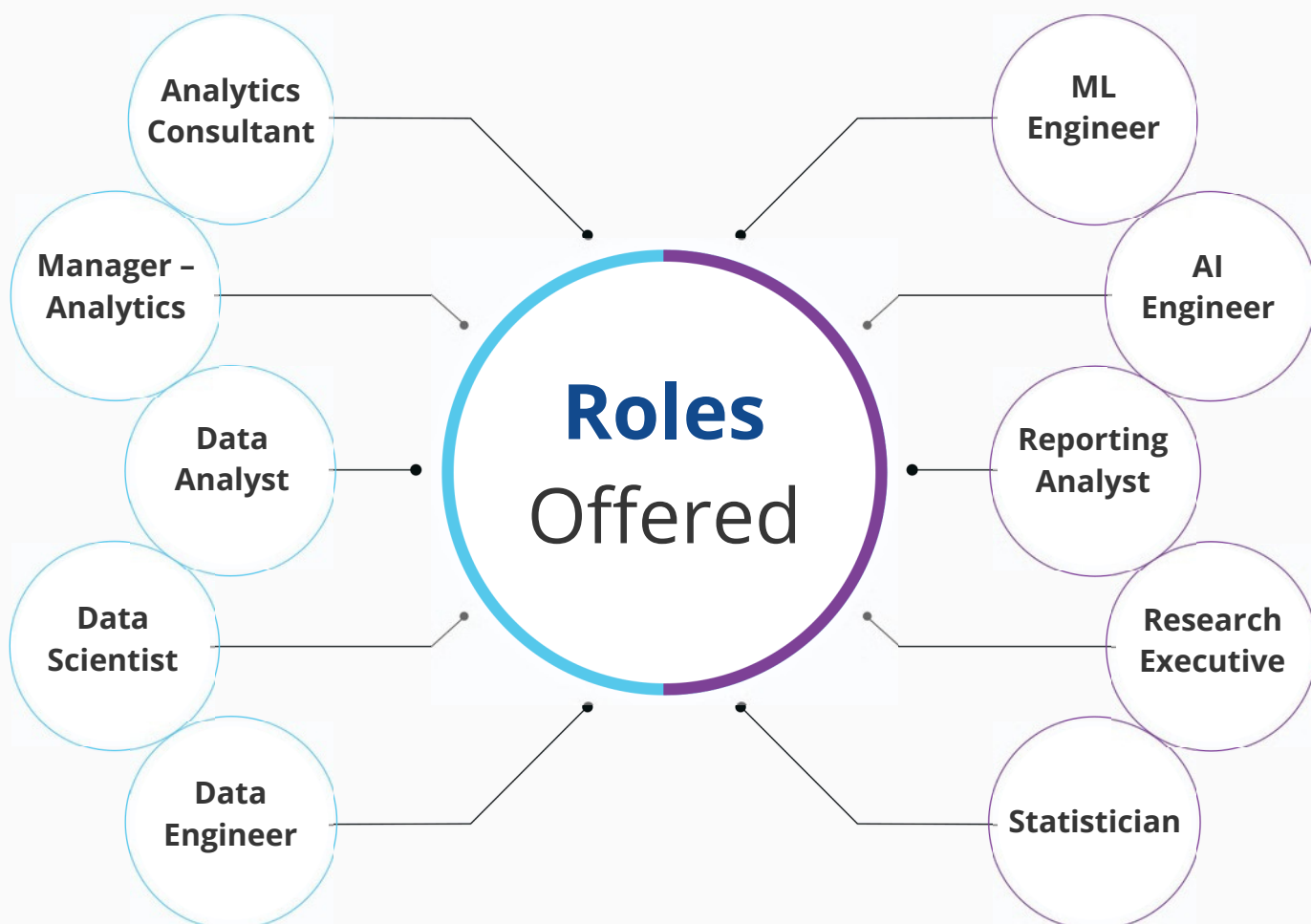Workshops on
Resume Review &
Interview Preparation

Career Guidance and
Mentorship by Skill School and
Industry Leaders

Industry Highlights

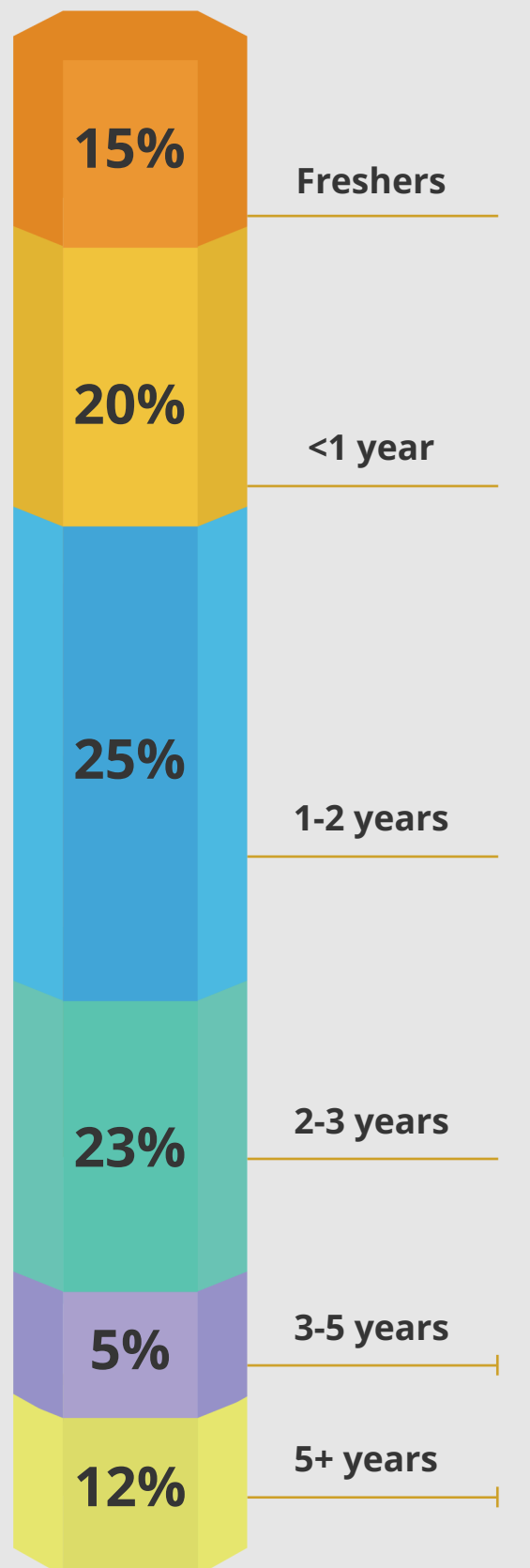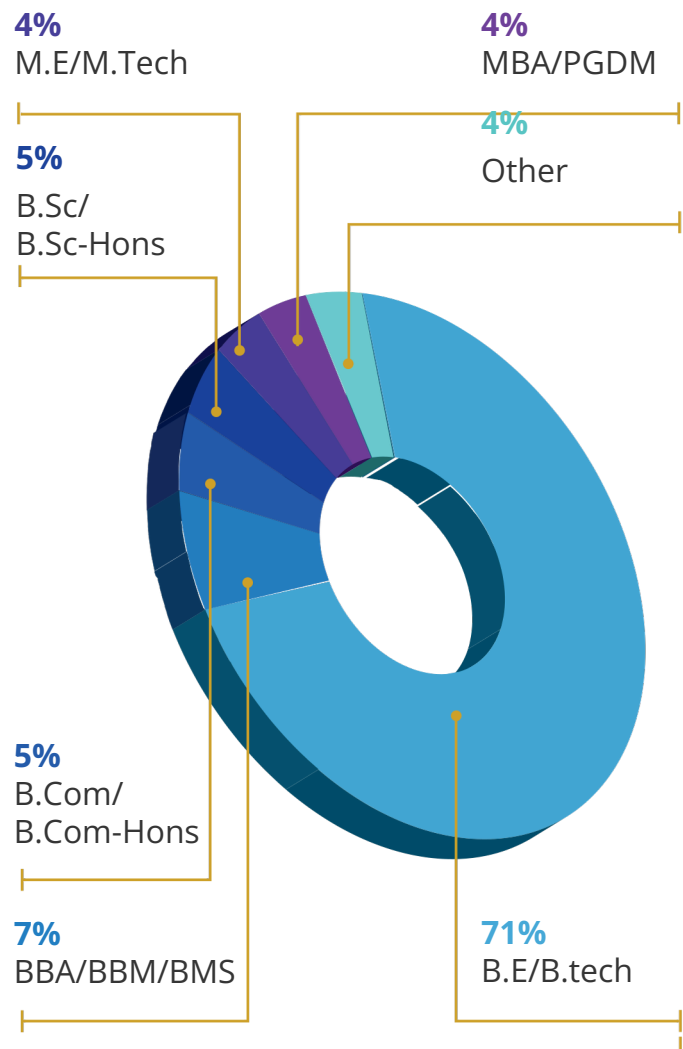**500+**
Global Companies

87%
Average Salary Hike

Roles Offered

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

DATA SCIENCE
BATCH
PROFILE

Experience Distribution

15% Freshers

20% <1 year

25% 1-2 years

23% 2-3 years

5% 3-5 years

12% 5+ years
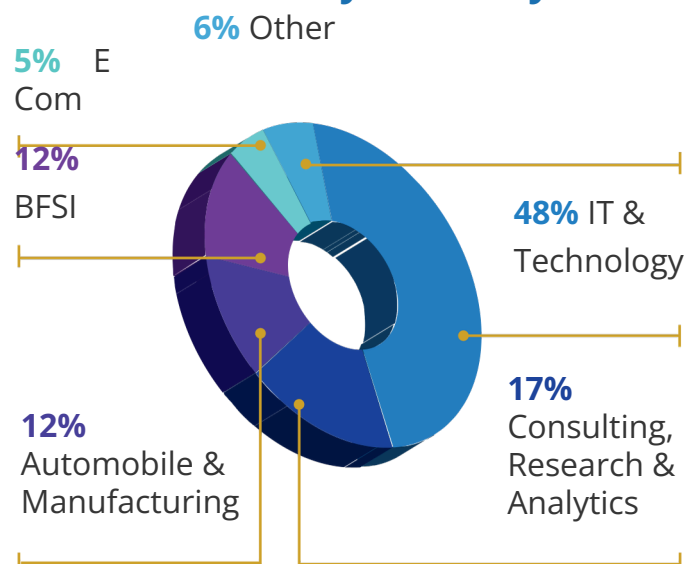
Our students include freshers and experienced professionals from across industries, functions and backgrounds.

Educational Background

4% M.E/M.Tech

4% MBA/PGDM

5% B.Sc/ B.Sc-Hons

4% Other

5% B.Com/ B.Com-Hons

7% BBA/BBM/BMS

71% B.E/B.tech

Industry Diversity

6% Other

5% E Com

12% BFSI

48% IT & Technology

17% Consulting, Research & Analytics

12% Automobile & Manufacturing

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

ABOUT **US**

Skill School mission is to make professionals proficient and future-ready. Its programs 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. Skill School 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.

SKILL
SCHOOL

B-204, Tower -04, Nx one commercial building Greater Noida extension Pin 201009

sales@thinkreh.com

www.skillschool.co.in

+91 8766232700