



Data Science & Gen-AI Program

With you, every step of the way



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About Geekster

Geekster is an outcome-driven tech up-skilling platform, empowering young individuals with in-demand industry-relevant skills. Our mission is to enable millions of young enthusiasts build promising careers in tech. Our courses are designed by top industry experts and equipped with hands-on experience, personal mentorship, and soft-skill building to enable our learners build remarkable careers in their chosen fields.

Founding Team

Sahil Miglani

Co-Founder

Georgia Institute Of Technology, 2010
Ex-Yahoo | Pinterest



Ankit Maggu

Co-Founder

SCMHRD, 2013
Ex-Corporate & Investment Banker

Bittoo Aggarwal

VP

MAIT, 2020
Ex-Amazon



Data Science & Gen-AI

Geekster's Data Science and GenAI Program is designed for beginners and working professionals, aligning with current industry demands in Data Science, Data Analysis, Machine Learning, and AI. Our curriculum includes 50+ real-world projects covering Advanced Excel, SQL, Power BI, Machine Learning, AWS, and Data Engineering providing hands-on experience for job readiness.

Industry experts from leading companies conduct daily live classes, offering practical insights beyond theory. We provide dedicated student success support and comprehensive placement assistance, with a network of 800+ top companies, enabling career opportunities as a Data Scientist, Data Analyst, or Data Engineer. Our placement support comprises unlimited mock interviews, career counseling, resume building, and soft skill development. Join us for an exciting journey into the world of data, and let us help you achieve your goals. Your success is our commitment.



Why choose us?

At Geekster, our mission is to provide quality education and skills that industries look for. We focus on building your data skills through hands-on projects & Mentorship from industry experts. Our 1:1 mentorship and dedicated Student Performance Managers ensure personalized growth. Plus, our placement team connects you with top companies, ensuring your success in the data driven industry. At Geekster, we're not just educating; we're empowering you to thrive in the ever-evolving tech landscape.



Details Of The Course

1:1
Doubt Support



500+ Live
Learning Hours



Course Duration
8 Months



Learn
Everything From
Scratch



Main Class Timings

Mon to Sat

8:00 PM - 10:00 PM



Course Language
Hinglish



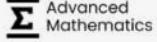
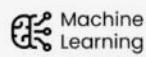
Live Mock
Interviews



Weekly Test



Skills And Tools



| Best in Industry Learning Experience



Expert led Live Classes

Live interactive sessions with top instructors for best outcomes. 🎯



1:1 Doubt Support

Get your doubts cleared FAST by IITians and top Geekster grads! 🚀



Dedicated Success Manager

Your Success BUDDY, to make sure you are on track to achieve your Goals! 🌟



50+ Real-World Projects

Gain practical experience by building real world projects 🏢



Soft Skills Training

Speak confidently, work and learn in teams, and get HIRED! 🎉



Geekathon

The BEST way to learn is to build awesome projects with tight deadlines! 🏆

100% Placement Assistance



1

Resume Building

Get FAANG-ready resumes and nail your skills pitch



2

LinkedIn Profile

Get noticed by top companies through LinkedIn.



3

Mock Interviews

Crush interview fear with mock interviews.



4



5



Company Assignments

Bridging theory to practice with hands-on industry projects.

Referrals to 800+ Hiring partners

Unlocking pathways to diverse career opportunities

Curriculum that makes you job ready

Introduction To Google Spreadsheets & Excel

Add-On: AI powered Analytics in Google Sheets & Power BI

⌚ 1 month

Databases And SQL

Add-On: AI-Powered Job Preparation and Hunting

⌚ 1.5 month

Data Structure Python

Add-On: Pair Programming using ChatGPT

⌚ 1 month

Exploratory Data Analytics

Add-On: Introduction to Business Intelligence Tool

⌚ 1.5 month

Machine Learning & NLP

Add-On: Developing Your Own LLM GPT

⌚ 1.5 month

Deep Learning & Gen-AI

Add-On: Advanced pattern recognition

⌚ 1.5 month

Program Curriculum

Module 1: Introduction To Google Spreadsheets & Excel

Data Management in Google Sheets

- Introduction to Google Sheets
- Explore UI and Basic Features
- Mastering Core Formulas
- Arithmetic, Logical, and Autofill Functions
- Advanced Data Manipulation
- Clean, Format, and Freeze Data
- Text Function Handling
- Manipulate Text with Various Functions
- Excel and Google Sheets Integration
- Integrate and Transform Data with Excel

Advanced Functions in Google Sheets

- Utilizing Lookup Functions
- Employ VLOOKUP, HLOOKUP, INDEX/MATCH.
- Special Functions Usage
- Explore IFERROR, XLOOKUP, SUMPRODUCT.
- Dashboard Creation Techniques
- Design and Build Effective Dashboards.
- Data Visualization Skills
- Implement Charts and Pivot Tools.
- Case Study Analysis
- Apply Skills in Real-life Scenarios.

Foundational Skills in Power BI

- Introduction to Power BI
- Charts and Dashboard Creation
- Core Data Transformation Techniques
- Advanced Data Handling
- Data Modeling Foundations

Advanced Techniques and Applications in Power BI

- Fundamentals of Data Analysis Using DAX
- Advanced DAX Techniques
- Interactive and Enhanced Report Making
- Power BI Services and Dashboard Management
- Project Application: UN Volunteers Data Analysis

Outcome

- Amazon Sales Data Analysis
- Myntra Sales Dashboard
- Analyzing the Feasibility of Opening a Restaurant in India
- Walmart Retail Data Analysis
- Swiggy Food Price Analysis
- YouTube Content Performance

Module 2: Databases And SQL

SQL Fundamentals

- Introduction to Database Concepts
- Overview of Database Management Systems
- SQL Installation and Environment Setup
- Basic SQL Syntax and Commands
- Creating and Managing Tables

Data Handling Techniques

- Techniques for Filtering Numeric and Text Data
- Sorting Data and Using DISTINCT
- Employing Aggregate Functions like SUM, MIN, and MAX
- Crafting Advanced Queries with Subqueries
- Grouping Data with GROUP BY and Filtering with HAVING

Program Curriculum

Module 2: Databases And SQL

Advanced SQL Features

- Advanced String and Date Functions
- Implementing Different Types of Joins (INNER, OUTER, CROSS, SELF)
- Utilizing UNION and UNION ALL for Data Merging
- Applying Conditional Logic with CASE Expressions
- Data Type Conversion with CAST and CONVERT

Database Management and Analytics

- Detailed Table Operations and Schema Modifications
- Using Constraints for Data Integrity
- Managing Data with Views and Common Table Expressions (CTEs)
- Analyzing Data with Window Functions like RANK and DENSE_RANK
- Creating and Using Stored Procedures for Repeated Operations

Outcome

- IPL Data Insights
- Advanced Fraud Detection Analytics
- Merchant's Credit Card Discount Campaign
- Online Betting Game Analysis

Module 3: Data Structure Python

Core Python Concepts

- Introduction to Programming Language
- Introduction to Variables and Operators
- Conditional Statements (if-else, Nested if-else)
- Practice with if-else and Understanding Switch-Case (Using Dictionaries as Python Lacks a Switch Statement)
- Introduction to Character Data Types and Built-in Char Functions
- Introduction and Manipulation of String Data Types
- Introduction and Implementation of For Loop (Basic Examples)
- Advanced Usage of For Loop (Working with Complex Data Structures)
- Basic While Loop Usage
- Advanced Scenarios with While Loops

Advanced Python Structures and Projects

- Understanding and Creating Simple Functions
- Advanced Functions and Digit Traversal Techniques
- List: Introduction and Manipulation of Lists
- Tuple: Basic Introduction to Tuples and Their Immutability
- Dictionary: Introduction, Usage, and Manipulation of Dictionaries
- Set: Basic Introduction and Operations on Sets
- Project: Implementing a Rock, Paper, Scissors Game Using OOP Concepts
- Exploring Python Through Various Small Projects
- Python for Automation Tasks
- Introduction to Text-to-Image Generation Using Python Libraries

Program Curriculum

Outcome

- Mouse-Cursor Tracking Using Eye
- Personal AI Assistance Using APIs
- Game - Ping Pong
- Rock-Paper-Scissors
- Text-to-Image Generation

Module 4: Exploratory Data Analytics

Exploratory Data Analysis (EDA) using Python

- Git
- GitHub
- Introduction to PIP and Modules
- Data Scraping using BeautifulSoup and Selenium
- NumPy Arrays
- Pandas DataFrame
- Data Loading, Storage & File Formats
- Data Cleaning & Preparation
- Data Wrangling: Join, Combine & Reshape
- Data Aggregation & Group Operations

Statistics

- Descriptive Statistics
- Statistical Inference
- Population vs Sample
- Frequency Distributions
- Descriptive Measures
- Central Tendency
- Data Distributions
- Data Pre-processing

Visualization

- Data Visualization with Matplotlib
- Advanced Data Visualization with Seaborn
- Customizing Charts with Plotly and Bokeh
- Building Data Dashboards

Outcome

- Airbnb Data Analysis
- Stock Market Financial Crisis Analysis
- Finding Insights of Indian Startups Market

Program Curriculum

Module 5: Machine Learning & NLP

Machine Learning with Scikit-Learn

- What is Machine Learning?
- Data vs Information
- ML Applications
- Types of Machine Learning
- Linear Regression
- Optimizing Linear Regression
- Polynomial Regression
- Bias-Variance Tradeoff
- Logistic Regression
- Decision Tree
- Ensemble Techniques
- Random Forest
- Feature Engineering Techniques
- PCA

Natural Language Processing

- Text Preprocessing: Tokenization, Lemmatization, Stopword Removal
- Word Frequency Analysis & Visualization
- Regular Expressions for Pattern Matching
- Sentiment Analysis
- Named Entity Recognition (NER) using SpaCy
- Feature Extraction using Bag-of-words & TF-IDF
- Natural Language Processing

Outcome

- 5+ Real-world Projects
- Personal AI Voice Assistant
- Practical Experience with Data Analysis

Module 6: Deep Learning & Gen-AI

Introduction to Deep Learning with TensorFlow & Keras

- Introduction to Neural Networks
- Activation Function
- Feed Forward Neural Networks
- Back Propagation
- Regression using TensorFlow and Keras

Cloud Computing using AWS

- Introduction to Cloud Computing and AWS
- IAM Roles
- Exploring S3, VPC
- Data Warehousing using Redshift
- Data Visualization using Quicksight

Outcome

- 5+ Real-world Projects
- Build Your Own LLM

Personalized Placement Assistance

100+ hours of Personalised Career Prep for Accelerated Job Success 🚀

Sprint 1

1:1 Expert Counseling

Analyze your strengths, weaknesses, and current market trends to pinpoint areas for rapid skill development.

Sprint 2

Industry Mentor

Get direct feedback and targeted guidance to improve your interview performance and overall career strategy.

Sprint 3

AI-Powered Portfolio Upgrade

Optimize your resume, LinkedIn, and GitHub profiles with AI tools to stand out from the crowd.

Your Dream Job



Sprint 4

Real-World Case Studies

Tackle company-level assignments under strict time limits, mastering interview-style problem-solving.

Sprint 7

Placement Drives

Access job opportunities from our network of 800+ hiring partners

Sprint 6

HR Readiness

Master self-introductions, project discussions, salary negotiations, and confidently explain any career gaps.

Sprint 5

Mock Technical Interviews

Reduce interview anxiety and build confidence through realistic simulations and expert feedback.

|800+ Hiring Partners



zomato

Paytm

SWIGGY

PayPal



Shiprocket

BOSCH

upstox

Infosys

IBM

zolo

ivy

AVIZVA

amdocs

tcs TATA
CONSULTANCY
SERVICES

**IDFC FIRST
Bank**



**Goldman
Sachs**

Wingify

HCL



CrimsonAI

Rakuten

genpact



**publicis
sapient**

33 LPA

Highest Salary

8.2 LPA

Average Salary

800+

Hiring Partners

New Advanced IIT Certification

E&ICT IIT Guwahati for Strengthening Your Skills



IIT Guwahati

is the 6th member of the IIT fraternity, the **Indian Institute of Technology Guwahati**, was founded in 1994, and its academic programme began in 1995. The institute ranked **7th best institute in India**.



Prestigious Certification

Receive a certification that's recognized and respected in the industry, signifying the high level of your skills and knowledge.



IIT-Curated Curriculum

Ensure that you're learning the most relevant, up-to-date content that has been carefully reviewed and approved by leading experts from IIT Guwahati.



Transformative Campus Experience

Experience life at one of India's top institutes with a two-day stay on campus, providing you with a blend of academic learning and campus life experience.



Inspirational Guest Lectures

Gain insights from some of the brightest minds in academia, offering you a unique perspective on your area of study.

TOP QUALITY CURRICULUM

E&ICT Academy, IIT Guwahati

Geekster partners with E&ICT Academy, IIT Guwahati is a joint venture between the MeitY, Government of India and IIT Guwahati. Prestigious advanced full stack development certification recognized by IIT Guwahati is looked upon very highly by companies' recruiters and your chances of getting shortlisted when you apply for jobs increases significantly.



Admission Process

The 4-step paperless process is all you need to kick start your career transformation.



Fee Structure

Premium

₹6,999 | per month

Total Fees INR 84,999*

- 200+ Live Classes, full Doubt support from Experts
- Unlimited mock interviews & dedicated Success Manager
- 100+ Projects & 500+ coding problems and assessments
- Career Services with 800+ Hiring Partners
- NSDC Approved Certification



Accelerator

₹12,499 | per month

Total Fees INR 1,49,999*

- All benefits of premium plan
- Advanced Certification from E&ICT Academy, IIT Guwahati
- Guest lectures from IIT G faculty
- Campus immersion at IIT Guwahati
- Dual Certification

14 Days Money Back Guarantee!

| 1000+ Success Stories



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airtel



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zolo



Shiprocket



IDFC FIRST
Bank



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sapient



Rakuten



SAPIENS



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AVIZVA



CrimsonAI



Indus Valley
Partners



BrightCHAMPS
WINDOW TO NEXTGEN SKILLS



upstox



| 1000+ Success Stories



TSYS



Enterprise Bot



drane
INTERNATIONAL



CAVISTA



PHAISHTHAN



WebMD



ANALYTIC EDGE
SHARPER INSIGHTS



Tik



bitxio tech
TECHNICAL COMPANY



DeHaat
Seeds to Market



Progress



innostax



fitpage



ideaforgedigital



AVRL



ansrsource



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and more...

YOU ARE JUST A STEP
**AWAY TO KICKSTART
YOUR TECH CAREER.**

Have more questions?

Reach out to us at hello@geekster.in

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