Executive Program in

DATA SCIENCE & ARTIFICIAL INTELLIGENCE

An Extensive Program Designed for Future AI & Data Science Leaders through Experiential Learning.

In Collaboration With

Skill India
कौशल भारत-कुशल भारत

N·S·D·C
National Skill Development Corporation
Transforming the skill landscape

Duration
12 Months

360° PLACEMENT ASSISTANCE

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data is good
Powered by SkillArbitrage

About **Sap corporate academy**

Over the past decade, data science advances have transformed how businesses operate. Enterprises that are slow or reluctant to embrace this data revolution are facing an existential crisis.

Today's enterprises need more and more data professionals to help them stay relevant. But unfortunately, this has fueled an ever-widening gap between available jobs and the talent pool that's not growing fast enough.

And to add to this, the Data Science landscape is changing so fast that conventional education can't match up.

Today's Data Science job requires much more than a set of crammed concepts, it demands creativity, problem-solving, and never-ending enthusiasm for a given subject. The curriculum and courses crafted by our age-old educational institutions are helpless with this modern-world requirement.

Let's imagine for a moment.

What if a new type of curriculum goes beyond conventional teaching?

What if the outcome of the courses following this curriculum is to make students not just learn the subject but fall in love with that subject? And this outcome will not only make a student learn but become a lifelong passionate learner and explorer of that subject.

This is what we're planning to do. This is what Dataisgood stands for.

Our vision is to be the world's most student-centric organization, where students realize their true potential and become Industry leaders in Data Science.

And as John Doerr would ask – how do we know we have reached there? Our mission is to enable 1 million students to become Data Science Leaders by the end of 2027.

This is our vision.

This is our dream.

And this is our pledge.

Data Driven Enterprise 2025

When Nike announced a year ago that John Donahoe, a veteran technology executive - their Global CEO and President - many analysts found it rather unconventional. It was indeed a novel shift and was pronounced as a shoe company transitioning into a tech company that sells shoes and apparel.

Nike is one of the hundreds of examples where more and more tech and data science veterans are stepping into the top management roles.

Today Every Company Is A Data Company.
Whether they know it or not.

Analysts at McKinsey are calling this Data-Driven Enterprise of 2025.

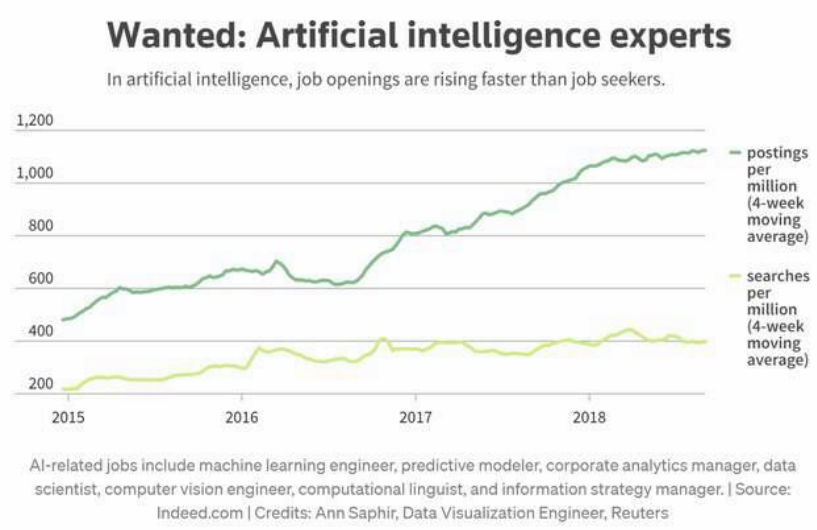
Their extensive report forecasts that by 2025, intelligent workflows and seamless interactions among humans and machines will likely be as standard as the corporate balance sheet. Moreover, most employees will use data to optimise nearly every aspect of their work.

We have already entered the Data Era. Enterprises already see 20% of their earnings before interest and taxes because of Data.

Data is reshaping core operations, spearheading their competitive advantage and enabling completely new revenue streams. It's only a matter of time before data itself will become a primary product across the global economy, and data science will form the core of every company's business model.

AI TALENT CRISIS

Today AI is spearheading digital transformation across industries. Every CEO is acutely aware of the threat of an impending AI talent crisis. As a result, leaders scramble to secure top AI talent from a pool that's not growing fast enough



AI is an exponential technology l ike the internet and electric cars and has the advantage of being highly impactful and multidisciplinary, spreading across all verticals and industries. The finance industry, medical, retail, mobility, manufacturing— all are recruiting AI professionals.

Hence, companies are setting a high market price for AI talent because they know losing the AI war is an existential risk. So it's a safer bet to stockpile talent — at almost any cost — than take the chance of losing competitive advantage.

O'Reilly's 2021 AI Adoption in the Enterprise report found that the lack of skilled people topped the list of challenges in AI, with respondents citing it as the "biggest" barrier — revealing the big talent gap and unavailability of AI professionals.

But, this AI world is ruthless, and corporate boards understand it. New-age tech companies like Netflix, Facebook, and Google have destroyed traditional rivals like media, entertainment, and yellow pages. The corporate board is holding management accountable for not avoiding the same fate with AI.

The harsh truth is that AI creates opportunities and threats for every company, and most have only the next three to five years to either become AI-driven organisations or risk going out of business.

PEDAGOGY

Projects Over Degrees

Conventional Data Science education focuses more on academics and research. It's inadequate in addressing the business understanding and impact. Our curriculum is built around industry projects that will always have business improvement as their primary objective.

This enables learners to understand how data science is applied in the real world.

Experiential Learning

We are big believers in the process of learning through experience. Learners are taken through an immersive, participant-focused, collaborative, and reflective learning experience. For us - learning from the process is at the heart of experiential learning.

Same Day Doubt Clearing Sessions

We ensure our learners are never stuck. We want our learners to make continuous progress. We have a large team of Subject Matter Experts, Counsellors, Coaches, and Mentors who are available throughout the business day to ensure that all queries get resolved immediately and a learner's progress never gets slowed down.

Business World Simulator

With roots in experiential learning, we have developed the first of its kind, a Business World Simulator environment inspired by flight simulators.

This allows our students to experience aspects of working in a real-world business environment during the program.

Multiple Bootcamps & Hackathons

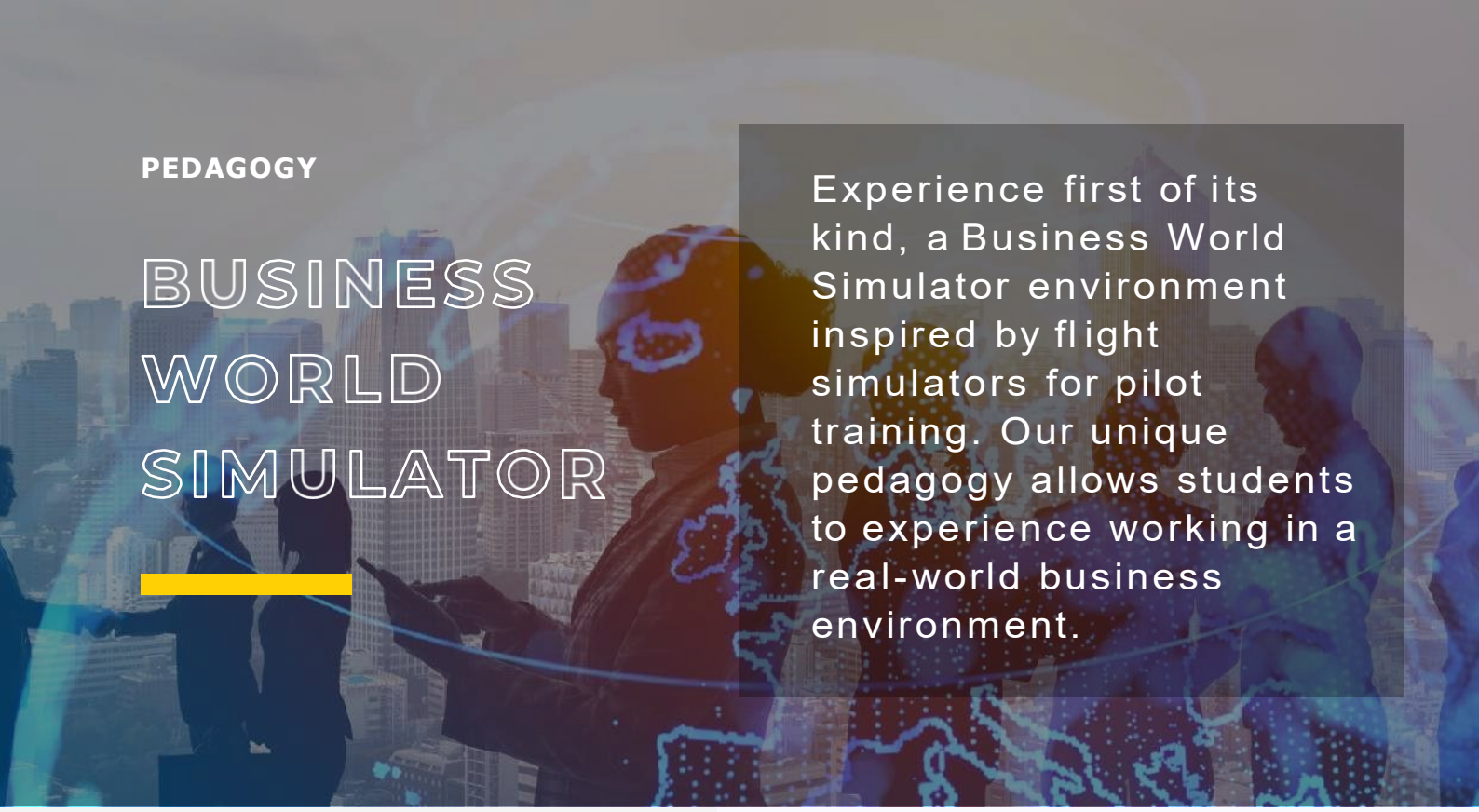
Year-round, students are engaged in boot camps, workshops, and hackathons in addition to regular classes. This ensures the learning journey is engaging, collaborative, and fun.

Online Learning Management System (LMS)

All learners are provided with a world-in-class Learning Management System (LMS) that has over 4000+ videos and 350+ hours of content.

The learning content is created in a professional studio with high production values.

In addition to video content, e-books, and study notes are also provided so that every learner can learn with their style and pace.



PEDAGOGY

BUSINESS WORLD SIMULATOR

Experience first of its kind, a Business World Simulator environment inspired by flight simulators for pilot training. Our unique pedagogy allows students to experience working in a real-world business environment.

Our training is delivered through this Business World Simulator that fast-tracks talent by exposing them to realistic real-world simulations. The simulations have been designed using the knowledge of the most high-performing and experienced Subject Matter Experts from various organizations.

For example, students are divided into small tribes and groups, adopting agile methodologies including Scrum and Kanban. Project planning, team coordination, daily and weekly standups, check-ins, agile ceremonies, business dashboards, team KPIs, and more are conducted with a strong emphasis on learning by doing.

Our Business World Simulator provides a big-picture view of operations, meaning that learners can quickly grasp a wide range of business and technical concepts and materials.

The outcome is that students are job-ready as soon they finish the program since they develop hard and soft business management skills in addition to Data Science specialization.

10 REASONS
TO CHOOSE Sap corporate academy

01 LIVE CLASSES FROM PRACTISING DATA SCIENCE INSTRUCTOR

Each of the Instructors have great exposure to real-world Data Science Projects and have worked with Tech Giants such as Microsoft, Amazon, TCS, Infosys, etc.

02 EXPERIENTIAL LEARNING

Learning by doing is our motto. We have designed practical sessions with hands-on projects for each module so that the student can understand the Implementation of theories.

03 COMPREHENSIVE COURSE CURRICULUM

Up-to-date content relevant to the latest evolving technologies, with 50+ Courses, 30+ Projects, and 20+ case studies is provided through our LMS.

04 INDUSTRY RELEVANT PROJECTS AND CASE STUDIES

Each learner gets to work on industry-approved projects and also prepare business case studies for various enterprises to understand the day-to-day role of a Data Scientist.

05 DEDICATED STUDENT SUCCESS MANAGEMENT(SSM) TEAM

A dedicated SSM (Student Success Management) Team looks after every problem faced by a learner. A SSM team has multiple departments including Subject Matter Experts, Career Coaches, Personal Branding Professionals, A Training & Placement Officers with mandatory office hours for all students.

06 SOFT SKILLS AND INTERVIEW PREPARATION TRAINING

Soft Skills Training along with Interview Preparation by Industry Experts is provided throughout the program so that Learner is able to face the real world Interviews boldly and confidently.

07 PROGRESS MONITORING

Weekly Assignments and Monthly Test Series targeting various skills including soft skills, coding, etc. designed to evaluate every learner's learning progress and provide valuable feedbacks continuously for improvement.

08 STRONG ALUMNI NETWORK

Connect with Top Industry Experts, AI Leaders, and veteran Data Scientists to gain their valuable experience and benefit from their network.

09 DATA SCIENCE PROJECT PORTFOLIO

Coaches and mentors assigned to students help them build a strong presence on various online platforms such as Kaggle, Github, Hackerrank, Codechef etc., to build an Industry accepted Data Science Project Portfolio.

10 EXCLUSIVE HACKATHONS

Students are encouraged to participate in small groups to participate in Hackathons happening throughout the program. This helps them learn to work in a collaborative environment while working on Industry recognized projects

Dedicated Career Support

Build Amazing Social Profile & Resume

You will be assigned dedicated faculty to design a unique and attractive world-class resume that can be presented to HRs from Top Firms. In addition to your resume, you will get support in building your social profiles on Kaggle, LinkedIn, and GitHub so that you always stand out.

Mock Interviews with Expert Industry Veterans

Experience virtual interviews with real-world practitioners to get a realistic interview experience and take valuable feedback on cracking interviews, and negotiating salaries, positions, and projects.

Experience a Data Scientist Work Life

From day one, learn to work in a professional environment by fulfilling the tasks, assignments, and projects. You will be a part of weekly standups, project planning, and various agile ceremonies, the way it happens in real-world

Personalised Job Assistance

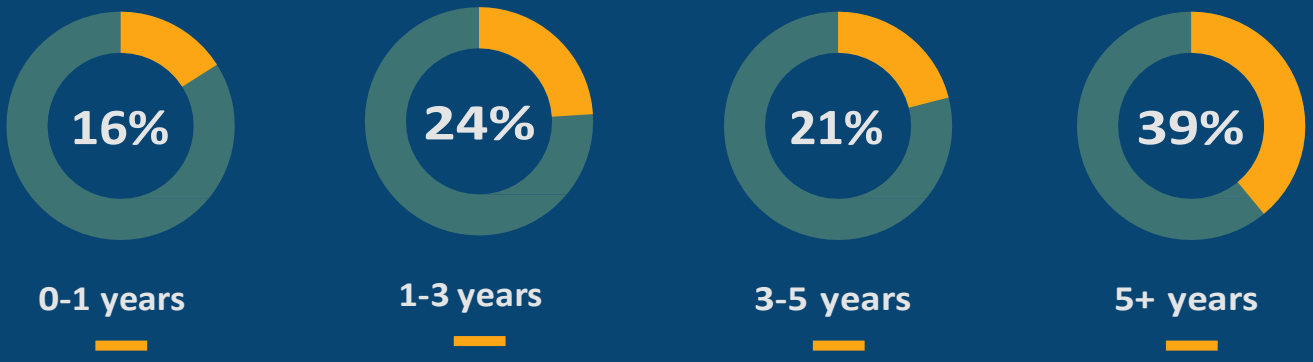
TPM (Training and Placement Management) is an integral part of the program. You will be assigned a dedicated placement coordinator within in few months, who will tirelessly work with you so that you get placed in the company of your dreams.

Alumni Support and Network

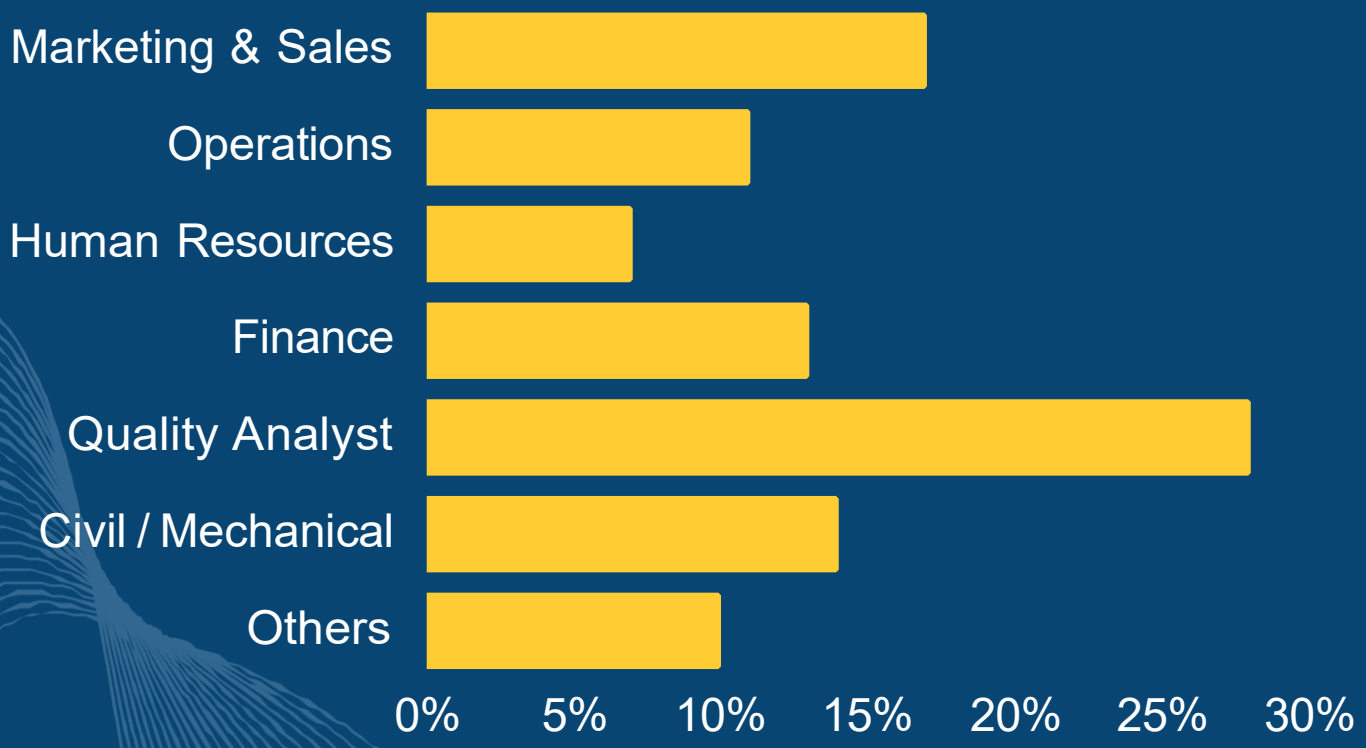
Get access to an engaged, supportive, and constantly growing alumni network. Build long-lasting relationships with individuals who work within your field or share common interests and can help you climb your career ladder faster.

Learners Profile

WORK EXPERIENCE

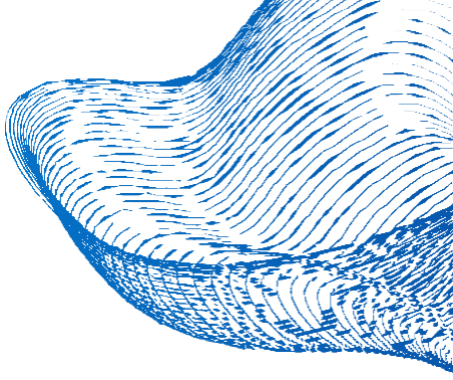


DOMAIN BREAKUP



COURSE
CURRICULUM

COURSE CURRICULUM



SEMESTER 1

Semester Overview

In this Semester, we will cover 4 Major Modules, Namely Excel, SQL, Python & Statistics & Probability. The students will learn the basic concepts of these tools and programming languages.

Training Materials

Learners can visit ''Dataisgood'' Learning Management System(LMS) where they can find all of the Courses, Notes, Live Recording Sessions for their self study.

Learners will receive feedbacks from Experts for the Assignments, Quizzes and test series provided for each of the topics.

Learners will get specific case studies to work, understand and implement different types of Database Schemas such as Star, Snowflake etc.

Learners will get exclusive SQL cheat sheets, and examples of the most commonly used queries in real-world environments for practice.

Learners will get an exclusive series of problem-solving online sessions with reference materials to enhance their coding capabilities.

Learners will learn to work on real-world problems using online platforms such as Hackerrank, and Hackerearth.

Objective

- Learners will be able to understand Excel interface and basics.
- Learners will be capable of understanding Raw Data, Create Pivot Charts, and analyzing data using Excel.
- Learners will be able to create Schemas/ Database with SQL
- Learners will be introduced to SQL and will be able to use Advanced SQL Queries.
- Learners will be able to understand Python Data Structures
- Learners will be able to create functions for any specific program or task and will obtain familiarity with the OOPs.

Software Requirement

Operating System: MacOS, Windows, Linux.
SQL Programming: MySQL Community Server 8.0.29
Python version: 3.6 or above with Google Collaboratory.
Processor: intel i3 5th Gen or above.
RAM: 4 GB or above.

COURSE CURRICULUM

SEMESTER 1:

PY201:
Python Fundamentals

- Introduction to Python and Data Science
- Working with Python Data Structures
- Control Flow Statements
- Functions in Python
- File Handling in Python
- Regular Expressions
- Object Oriented Programming
- Advance Data Structures

SQL103:
Data Analysis with SQL

- Introduction to SQL and MySQL
- Data Creation and Retrieval
- Data Filtering
- Data Analysis using aggregate functions and group by
- Joins and Keys
- MySQL Joins
- Subqueries and Views
- Window/Analytical Functions
- Case Study

SP101:
Statistics and Probability

- Introduction to Statistics
- Probability Theory
- Statistical Inference I
- Statistical Inference II
- Regression Analysis I
- Regression Analysis II

EXL301:
Data Analysis with Excel

- Unleashing the Power of Excel
- Data Analysis with MS Excel
- Summarizing and Forecasting
- Macros and Dashboarding
- Excel Project Session

SEMESTER 2

Semester Overview

In this Semester, we will cover three major modules: Python for Data Science & Visualization Data Analysis and Visualization, Data Cleaning and Preparation, and Introduction to Machine Learning. The students will understand the basics of statistics and get into data analysis and visualization concepts. Each module will end with a guided project, and the semester will end with an introduction to machine learning.

Training Materials

Learners will get access to special project sessions designed for beginners to work on end-to-end Machine Learning problems.

Learners will work on case studies, articles, journals, and research papers specific to Machine Learning algorithms and applications.

Software Requirement

Operating System: Any, Preferred: Mac OS, Windows, Linux.
Libraries: Tensorflow, Pytorch, Scikit-Learn
Processor: intel i3 5th Gen or above.
RAM: 4 GB or above.

Objective

- Learners will understand the theoretical part and working of essential Machine Learning algorithms used in real-world scenarios.
- Learners will be able to process different types of Datasets for performing Machine Learning Operations.
- Learners will be able to perform Regression Analysis, Classification Analysis & Clustering Analysis using Machine Learning Algorithms.
- Learners will be able to create full-fledged ML solutions catering to a wide variety of solutions with well-defined data pipelines.
- Learners will understand the process of model evaluation using various machine learning metrics.

COURSE CURRICULUM

SEMESTER 2:

PY202:
Python for Data Science Visualization

- Extracting and Aggregating Pandas
- Matplotlib and Seaborn
- Plotly and Cuffinks

PY203:
Data Cleaning and Preparation

- Introduction to Data Cleaning and Data Types
- Exploring and Visualization the missing values
- Advanced-Data Cleaning Concepts
- Introduction to Feature Engineering
- Feature Extraction and Transformation
- Feature Selection and Dimensionality Reduction

PY204:
Machine Learning (scikit)

- Modeling with Linear Regression
- Evaluating Models & Feature selection
- Regularisation Techniques
- Modeling with Logisitc Regression
- Understanding other classification algorithm like KNN & SVM
- Advanced Model Evaluation Techniques
- Introduction to Clustering and K Means
- Advanced Clustering Techniques

SEMESTER 3

Semester Overview

In this semester, we are going to cover four modules, namely, Tree-Based and Boosting Models, Time Series Analysis and Forecasting, Introduction to NLP, and Introduction to Deep Learning. The Students will go through each topic which is based on core Machine Learning concepts, with two projects in each module.

Training Materials

Special focused training and course material for mastering the Tensorflow Library.

Case study sessions for learners where they will be able to learn - How to analyze and extract meaningful and useful insights using Deep Learning Techniques from large datasets.

Software Requirement

Operating System: Any, Preferred: Mac OS, Windows, Linux.
Libraries: Tensorflow, Pytorch, NLTK, Spacy.
Tools: Airflow, Google Vertex.
Processor: intel i3 5th Generation or above
RAM: 4 GB or above

Objective

- Learners can understand the fundamental theories related to Deep Learning Technology & Neural Networks.
- Learners can design simple to complex Neural Networks using various frameworks presenting Convolutional Neural Networks using Tensorflow.
- Learners will be introduced to the latest technology of transfer learning and implement the concept of transfer learning for complex NLP & vision problems.
- Learners will be able to fetch Time Series Data using different methods.
- Learners will understand auto regressive models.

SEMESTER 3:

PY205:
Tree Based and Boosting Models

- Introduction to Decision Trees
- Implementation of Decision Trees
- Introduction to the Concept of Bagging
- Introduction to Concept of Random Forest
- Introduction to Boosting
- Introduction to extreme Gradient Boosting
- Introduction to Imbalanced Machine Learning models
- Introduction to Recommendation Engines

PY206:
Time Series Analysis and Forecasting

- Introduction to Time Series Analysis
- Preprocessing and Visualization of Time Series Data
- Time Series Forecasting using ARIMA
- Exponential Smoothing Models for Time Series Forecasting
- Machine Learning Models for Time Series Forecasting
- Time Series Forecasting using Prophet

PY207:
Natural Language Processing

- NLP Fundamentals
- Feature Engineering in NLP & Text Classification
- Advanced-Data Cleaning for NLP text classification
- Feature Extraction & Feature encoding for NLP
- Introduction to Word Embeddings
- Advanced word embeddings used to solve NLP problems
- More about advanced NLP
- NLP text classification end to end project from kaggle

PY208:
Deep Learning Fundamentals

- Building blocks of Deep Learning
- Understanding the Components of a Neural Network
- Introduction to Recurrent Neural Networks
- Overview of LSTM and GRU
- Introduction to Bidirectional Networks
- RNN Use Cases in the Industry
- Introduction to Convolutional Neural Networks (CNN)
- Overview of Transfer Learning
- Introduction to Transformers
- Overview of Auto Encoders

INTERNSHIP PROGRAM

This internship is a part of the course curriculum to help you gain real experience in Data Science domain.

During this internship, you will go through various challenges which you allow to explore new skills and push your limits while learning something new during the projects.

TOPICS COVERED:

- Integration with Python & SQL
- Web Scrapping
- Data Cleaning with Excel and Python
- Data Visualizing with Python
- Data Visualizing Tools (Power BI)
- Types of Machine Learning Models
- Machine Learning Model Selections
- Types ML Model Evaluations
- Introduction to Big Data
- Big Data Procession with Spark
- Model Deployment in Cloud Service
- Internship Project-2 (Main Project)
- Submission & Graduation Ceremony

SOFT SKILLS PROGRAM

Technical skillset and your soft skills combine to make you employable.
To make our learners employable, dedicatedly placement-oriented sessions are conducted while highlighting the use of Github, Linkedin, and other tools during job search.

TOPICS COVERED:

- Building A World-Class Resume
- Networking via LinkedIn
- Github for Professionals
- Effective Job Search
- Writing Mails and Cover Letters
- Interview Skills

ELECTIVES
PROGRAM

Select any one elective from list mention below:

Elective 1:

Business Intelligence Tool (Power BI / Tableau)

- Data loading and transformation with Power Query.
- Data visualization with charts, including various chart types.
- Tabular visualization with Power Pivot and matrices.
- Creating interactive dashboards.
- Using conditional formatting for enhanced data analysis.

Elective 2:

Deep Learning with Computer Vision

- Introduction to Deep Learning and Computer Vision.
- Artificial Neural Network and Convolution Neural Network.
- Loss Functions, Pptimizers, and Activation Functions.
- Transfer Learning.
- Object detection and object localization.

Elective 3:

Deep Learning with NLP

- Introduction to NLP & Text Preprocessing
- Text Cleaning and Mining.
- RNN, LSTM, Resnet, GRU.
- Advance NLP Models Transformer and GPT-3.

Bonus

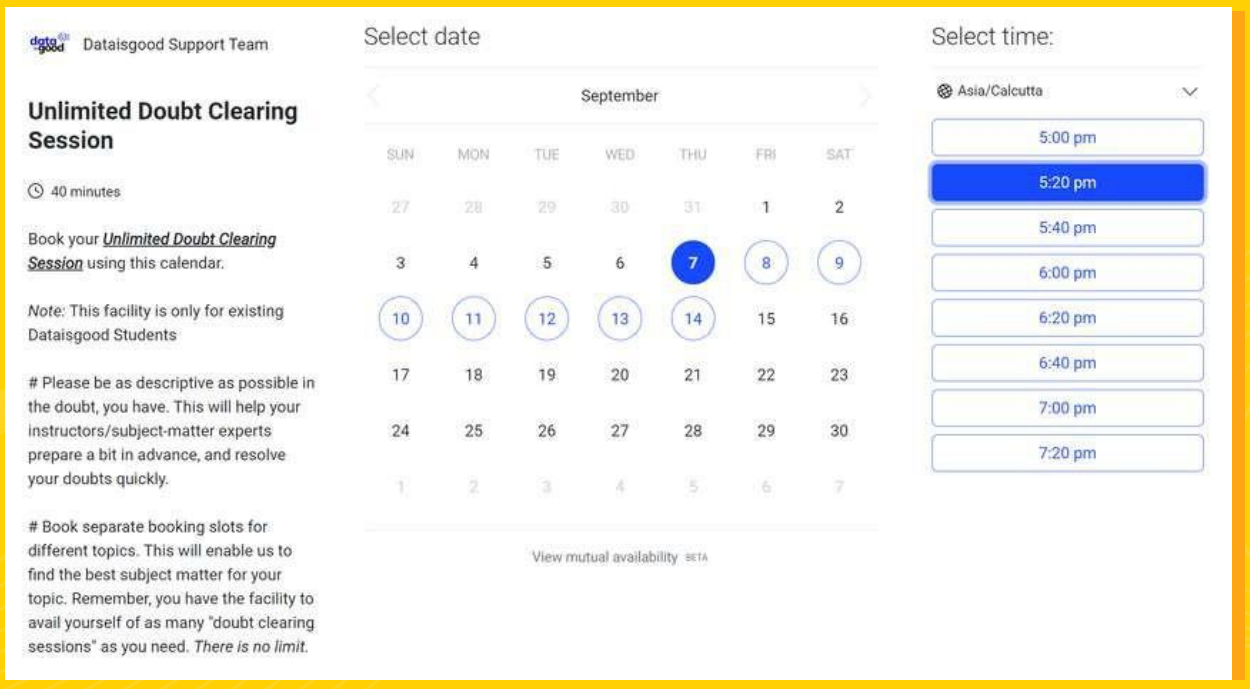
Features Offered

Get hands-on learning on trending AI skillsets.

- ✓ ChatGPT
- ✓ Generative AI
- ✓ Prompt Engineering

Unlimited Doubt Clearing Sessions

Now you can easly book your unlimited doubt-clearing session according to your time slot.



Learning Outcomes

This an Outcome-focusses program to help Data Science aspirants get a jump-start in their data science career

- Perform Data Wrangling across wide range of datas ets
- Clean and process dirty datasets for modelling
- Data Mining & Manipulation for Information Retrieval
- Analyse and Visualise Data for finding Trends and Patterns
- Building ML Models and usi ng Data Pipelines
- Solving AI Problems using NLP and Deep Learning Algorithms.
- Understand Business Impacts & Outcomes of Data Science Projects.
- Confidently able to articulate and present the project findings to Management.

COURSE PROJECTS

Guided Project

Sample Superstore Orders Data Analysis using Excel

In this project, you will analyze the sales data and identify weak areas and opportunities for super store to boost business growth.

Home Work

Retail E-commerce Analysis using Excel

In this project, you will create interactive dashboards with the E-commerce retail dataset and dive through different perspectives of the E-commerce industry.

Guided Project

Building a Star Schema

In this project, you will learn how to build a star schema in SQL for use in data warehouse or business intelligence that uses a single large fact table.

Home Work

Building a Snowflake Schema

In this project, you will learn how to design and implement a snowflake schema. You will also learn the advantages of building a snowflake schema and where it can be used.

Guided Project

Analysis of Apps on Google Play and App Store

Determine the type of apps that are more likely to attract users in App Store. This analysis can be helpful in recommending an app profile that can be profitable to the business.

Home Work

Exploring HackerNews Post

Determine the time of the day when a post on HackerNews. The analysis is classified into two parts for posting questions and also demonstrating your work.

Guided Project

Peak Traffic Times in City

This study offers an insight into vehicle flow that can be useful for traffic study and management.

Home Work

Do people enjoy movies more while eating?

This project offers analysis of the amount of attention people put into eating while watching an entertaining movie.

Guided Project

Player's Performance Reviewer

Analyze players based on their ground positions, skills, nationality, clubs, age, and understanding the major factors driving the performance of these players.

Home Work

Optmizing Crop Production

Using Precision Farming for Clustering Analysis and Classification Analysis. You will be able to recommend best crops to farmers to increase their productivity.

COURSE PROJECTS

Guided Project

Open Job Analysis and Recommendation

You will analyze the factors and metrics for quality-oriented jobs by searching relevant jobs using recommenders systems.

Home Work

Analysing growth of Indian Startup

Analyze the funding ecosystem changes with respect to time and also the general amount that startups get in India.

Guided Project

Predicting Medical Health Expenses

Using Machine Learning Algorithms to understand and predict the medical health expenses of people living in the United States.

Home Work

Determining Status of Loan Applicants

In this Project you will learn how to Implement a Classification analysis predictive model for determining whether a person should be granted loan or not.

Guided Project

Predict the Height and Weight of a Person

In this Project, you will explore and prepare a dataset to predict the height of a person based on their age, gender and weight.

Home Work

Inflation Rate Forecasting

In this Project, you will learn how to forecast the inflation rates. You will use the Seasonal Auto-regressive Integrated Moving Average, or SARIMA, method for time series HICP forecasting with univariate data containing trends and seasonality.

Guided Project

Stock Market Prediction

In this Project, you will learn to analyze and the Stock Market Prices using Time Series Forecasting, Advanced Deep Learning Models and different Statistical features.

Home Work

Air Quality Prediction

In this Project, you will learn to forecast the Air Quality Index of places with Time Series models like ARIMA, SARIMA, and SARIMAX. Also, as pollution levels increase in winter. So, these models can identify the seasonal trends as well.

Guided Project

Drugs Prescription using Reviews

In this Project, you will learn how to deal with data having textual features, you will also learn NLP techniques to transform and process the data to find out important insights.

Home Work

Sentiment Analyzer Engine

In this Project, you will learn how to extract and scrap data from social media websites and extract beneficial information from these data for driving huge business insights.

Guided Project

Fruits identification System

In this Project, you will learn how to solve a complicated image classification task with multiple classes using various Deep Learning Architectures and compare the Results.

Home Work

Face Expression Recognizer

In this Project, you will learn to use Computer Vision Techniques to detect Human Emotions such as Anger, Sad, Happy, Disgust, Fear etc to build a Facial Emotion Detector.

CAPSTONE PROJECTS

The Capstone project will give you a taste of what data scientists go through in real life when working with data. It will allow students to create a usable/public data product that can be used to show your skills to potential employers.

Retail Industry

This capstone project takes you on a guided tour exploring the way retailers can use big data and analytics to create hyper-personal and relevant shopping experiences that make their customers highly satisfied and more prone to making purchase decisions.

Healthcare

You will explore the way data and analytics improve the healthcare in a variety of ways. How it will help in improving care and reduce waiting times and how medical data is a great example of how providers can look at large amounts of data to find patterns and prescribe appropriate courses of action.

Banking, Finance, Insurance

You will learn about the many different applications of data science in banking and finance for analyzing financial security, managing risk, marketing and improving trading. Students will also be able to understand how algorithms help prevent fraud by quickly identifying breaks in spending patterns, illegal transactions.

Manufacturing Industry

Students will understand the importance of data science in manufacturing companies and requires predicting manufacturing volumes. You will learn how price optimization, predictive analytics, demand forecasting and inventory management and supply chain management is done in manufacturing Industry using data science.

Supply Chain

This capstone project will take you on a guided tour exploring the way data science and analytics for transportation, for people to reach their destinations on time, to forecast future demands on various levels, to perform network planning, and for procurement analytics.

Media & Entertainment

This capstone project takes you on a guided tour exploring how collecting, analyzing and utilizing consumer insights to leverage social media and mobile content and understand real-time, media content usage patterns. Students will also learn techniques, that companies can better create content for different target audiences, measure content performance and recommend on-demand content.

Certifications Offered

Skill India
कौशल भारत - कुशल भारत

N·S·D·C National Skill Development Corporation
Transforming the skill landscape

CERTIFICATE

This is to certify that Ms./ Mr. **AVNISH KUMAR**

Son/Daughter of **PRAKASH KUMAR** Student ID **CAN_12**

has successfully completed the **PROFESSIONAL CERTIFICATION PROGRAM IN DATA SCIENCE & ARTIFICIAL INTELLIGENCE** Course

with Grade **A+** from **ADDICTIVE LEARNING TECHNOLOGY PRIVATE LIMITED**

Date of Issuance: 5th September 2023

Certificate ID CERT_11

Issued by

CEO
Ramanuj Mukherjee
Addictive Learning Technology Private Limited

*This is a System-generated Certificate. Assessment and Grading of the Candidate is provided/facilitated solely by the respective training provider based on its evaluation parameters.

TOOLS COVERED

[redacted] [redacted] [redacted]

Power BI | jupyter | matplotlib

tableau | statsmodels | TensorFlow

Flask | MySQL | scikit learn

seaborn | spaCy | Imbalanced learn

Scrapy | OpenCV | colab

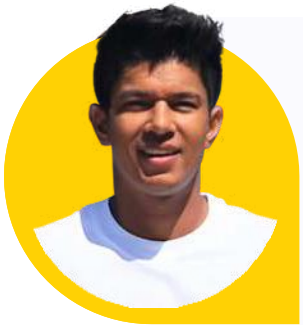
Our **Data Science** Trainers

Quality training starts with the right instructors. Our instructors have more than 7+ years of experience in their core domain and are the core of every successful learning experience

Chandan Sen Gupta

Data Science & Machine Learning Specialist

Chandan holds a PG Diploma in Computer Programming. He is an Industry Instructor, Instructional Designer, and Programming Guru, with software development experience of over 35 years. His subject-matter expertise includes programming languages - COBOL, Clipper, C, C++, Python, Haskell, Elixir, Clojure, Java, and Ruby.



Sumit Kumar

Data Scientist & Tableau Specialist

Sumit Kumar is a Data Scientist with more than 4 years of experience in the industry and more than 3 years of training experience. He has built and delivered several projects for companies like Tata, gsk. Dashboarding and analytical thinking helped him to solve many business problems through data visualization.

Arpit Sharma

Data Scientist & Machine Learning Specialist

Data scientist with hands-on experience in machine learning model creation, optimization, NLP, Time-series Analysis, forecasting, and computer vision. Passionate about exploring new dimensions in data science. The aim is to connect thousands of aspiring minds with the Metaverse of Analytics and Artificial Intelligence Domain.

Ankit Maheshwari

Expertise in Big Data

Ankit Maheshwari is a serial entrepreneur and a proud bootstrapper who has founded and sold multiple internet companies including Betaout (exited to Bluecore), Instamedia (exited to Valent), etc. He is listed as Asia's one of most inspiring young entrepreneurs and social change makers by Paragon 100 Asia, and featured in Business Week in BusinessWorld's Top 30 Young Entrepreneurs in India.

FREQUENTLY ASKED QUESTIONS

Here are some of the most commonly asked questions we've received.
If you can't find an answer to your question, feel free to reach out to us.

1 What Projects will I get to Work on during this Course?

For your capstone project, you'll tackle a real-world data problem from end to end. Develop a pitch and problem statement, source and collect relevant data, conduct an exploratory data analysis, and build a predictive model.

You'll document and share your findings through a presentation, technical report, and non-technical summary. Throughout this Accelerator Course you'll also compile a portfolio of projects designed to reinforce what you've learned in each unit.

2 Will I get Assistance in Hackathons and Capstone Project?

Yes, Of Course.

You will get Assistance from our Teaching Assistants any time you wish.
The teaching assistants will help you to complete the Capstone Project if you face any difficulties. Apart from that our Mentors and Instructors will also help you to Come up with New and amazing ideas for the Capstone Project.

3 Will I get doubt resolution or mentorship, If I get stuck?

You will get access to unlimited doubt resolution sessions at any time at your convenience. We have a team of highly skilled subject matter experts who are available throughout the course duration to help you. You can request for doubt resolution session directly through our support@dataisgood.com email.

4 Which topics are going to be covered as part of the programme?

This programme is designed for students looking to start career into the data domain. Considering the requirements of different data roles in the industry, the curriculum is divided into two tracks. The track will run for the first 5 -6 months that where you will get to learn Basics of SQL, Python, Statistics and EDA. In the second track you will get to learn more advanced content such as Basic Machine Learning Models, Advanced Machine Learning, Neural Networks, Advanced Machine Learning, Natural Language Processing, Building Data Pipelines, Data Streaming and Auto ML.

5 What is the time commitment expected for the programme?

You will require to dedicate atleast 12 -15 hours per week to fully learn and understand the basic concepts covered during the course. This much time commitment is expected to be able to achieve complete learning outcomes offered from the programme.

6 What type of learning experience should I expect?

The content will be a mix of interactive lectures from industry leaders as well as Expert faculties. Additionally, the programme comprises of live lectures, Ebooks, Study Notes, Self Learning Materials, Practice Datasets and Projects which will enhance your learning experience. Case studies and group projects will also facilitate peer-to-peer interactions.

7 Will I get Course completion Certificate?

Yes, Ofcourse.
Additionally you will also get a certificate for the completion of your Capstone Project towards the end of the Programme.

RECRUITERS

Google
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quantiphi
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tcs
AMERICAN EXPRESS
Infosys
accenture
UPTIME AI
tokopedia
Flipkart
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PayPal
OYO
Bluecore
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ANI Technologies
Walmart
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TheMathCompany
COLGATE-PALMOLIVE
motherson sumi systems limited
iOPEX TECHNOLOGIES
wipro
ambit software
Informatica
Cognizant
Capgemini
McAfee
LI & FUNG
Tech Mahindra
BANK OF AMERICA
Abbott
HARMAN A SAMSUNG COMPANY
Fidelity INVESTMENTS
EXL
HUAWEI

Tuition Fee and Financing

The admission fee for this Advanced Data Science Certification program with 360° Placement Assistance is **Rs. 79.999**. This fee covers all the applicable program charges including the mentorship calls with industry experts.

3 Easy Step to Enroll

1

Career Counselling

The Data Science career counselor will reach out to understand the eligibility. If a student is eligible for the program. The Student will be shared an acceptance letter.

2

Easy Registration

After receiving an acceptance letter students can book their seats by paying the booking amount.

3

Start Upskilling

Start your learning journey with Dataisgood and unlock your potential to reach greater heights in the field of Data Science.

Thank You!

For more queries and information please reach out to us at:

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Visit us at:

www.Sapcorporateacademy.com

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