



## **Pay After Placement**

### **Data Science Architect Program**

A comprehensive program that offers a perfect blend of Data Science & Machine Learning concepts to aid learners transform into Expert Data Science Professionals along with IBM, IAF and ISO Certification with Pay after Placement.



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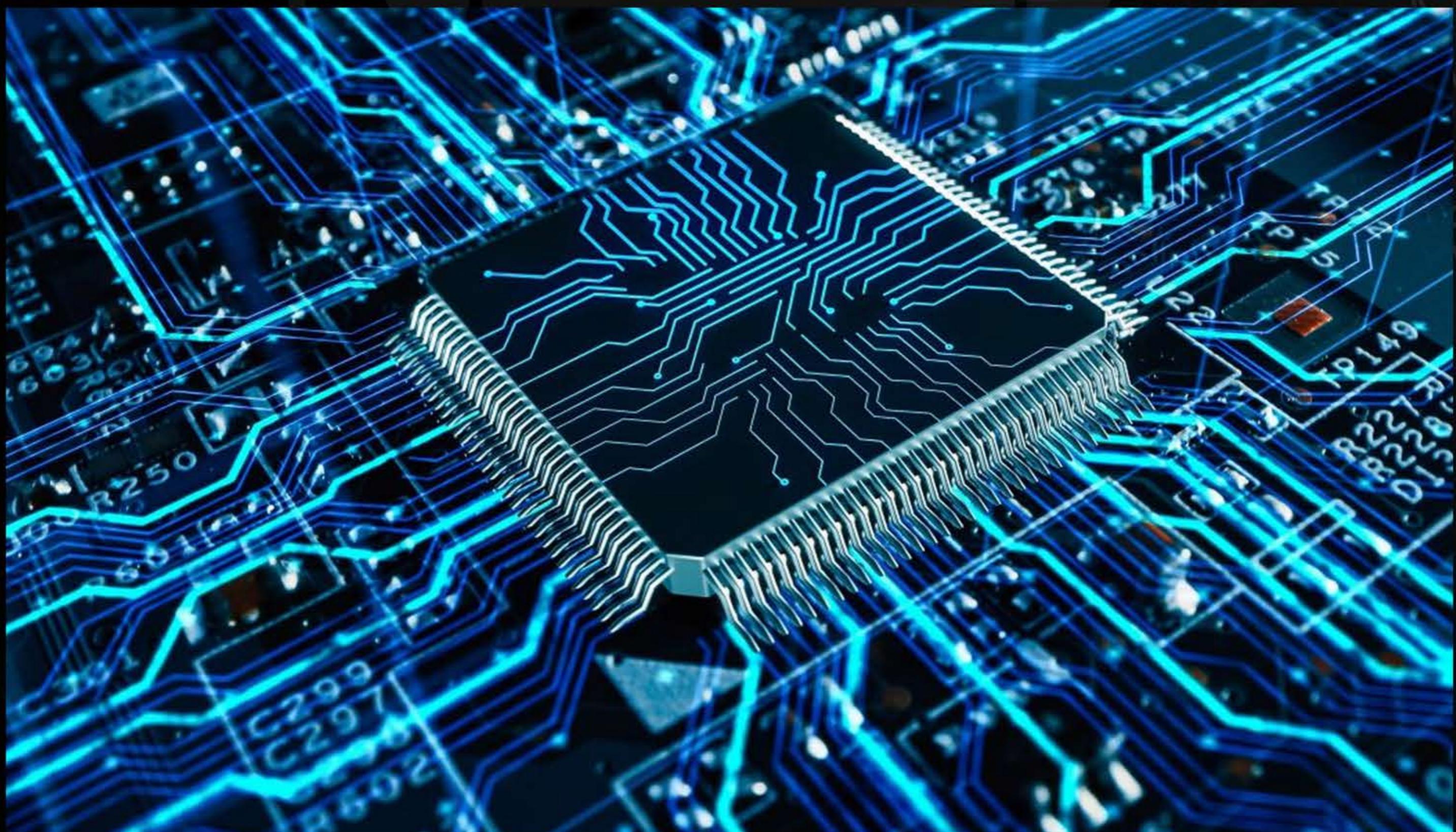
# Why Kickstart Your Career With **Data Science & Machine Learning?**

The surge in Research & Development investment is fueling exponential growth, profoundly impacting businesses in all sectors with transformative technologies like Artificial Intelligence and Machine Learning. As the reliance on data-driven decision-making escalates daily, there's a soaring demand for expertise in Data Science and Machine Learning, along with advanced data handling tools. With lucrative compensation matching the market's fervent demand, careers in these domains are rightly hailed as the most coveted of the 21st century.

# Optimize Your Career Trajectory With Aspire Tech Academy's IBM Certified Data Science Architect Program!

Aspire Tech Academy's Data Science Architect Program is a comprehensive and industry-relevant training program that will equip you with skills you need to succeed in the data science field and this also comes easy on your pockets with the Pay After Placement. on top of all this Aspire Tech Academy is ISO 9001:2015 and IAF Certified

The program is suitable for both freshers and working professionals, and it will help you to develop the skills and knowledge you need to make a positive and significant impact on your career. You will work on real-time case studies, gain project mentorship, and earn certifications that will make you job-ready for a variety of data science job roles.



## Wondering How?

Imagine a curriculum finely tuned to meet your specific learning requirements. Our program begins with the basics, gradually delving deeper into the subjects, ensuring that even those with no prior knowledge in Data Science can become successful professionals. This nine-month online course, led by experienced instructors, is crafted to instill confidence and equip participants with the necessary skills to jumpstart their careers. With our immersive approach and exclusive Placement Guaranteed feature, participants engage in hands-on learning through micro-projects and capstone projects, receiving guidance from industry experts and seasoned faculty members. As a bonus, upon completion, you'll earn an IBM certified Data Science Professional Certificate.

# Program Highlights



6-month of 2-way Instructor-led Live Interactive Online Sessions



Internship and Capstone Projects for a complete hand-on learning experience



Certification by IBM/ISO-IAF Certification. Along with 1 year experience letter.



A deeper understanding of concepts with Real-world Case Study & Internship-based Learning.



Pay after placement



Mentoring Sessions by Industry Experts



Webinar Sessions related to career and domain



Mock Interview Sessions to help you become interview ready



Placement Assurance\* after successful completion of the program

- Comprehensive and industry-relevant training
- Experienced instructors
- 1:1 Mock Interview
- Domain Specific Learning
- Chat GPT Covered Exclusively
- Pay After Placement
- 24/7 Back - End Support
- Resume & LinkedIn Profile Building
- ISO - IAF and IBM certification
- Earn while you Learn
- No Cost EMI
- Guaranteed interview opportunities\*

# Top Skills You Will Master

Data Analysis

Statistics for Data Science

Data Visualization

Exploratory Data Analysis

Machine Learning – Supervised

Unsupervised and Time Series Analysis

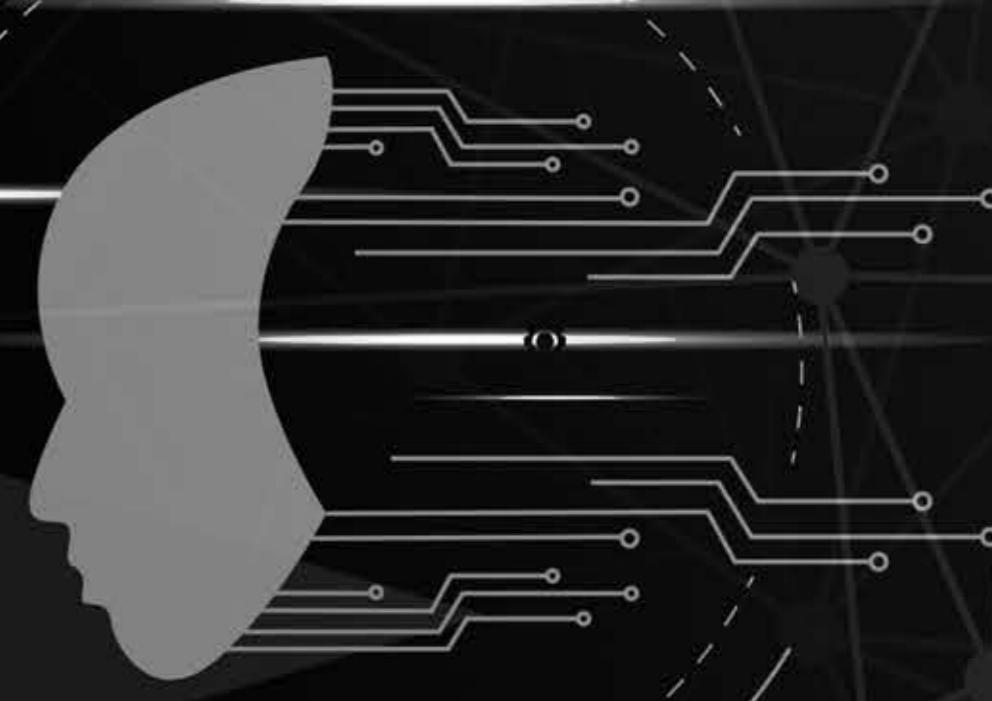
Artificial Neural Network

Computer Vision and Convolution Neural Network

Machine Learning Operations (MLOps)

Recommendation Systems

Big Data



## Tools Covered



Power BI



python



ChatGPT



Excel



Deep  
Learni.ng



HEROKU



+ a b | e a u



matplotlib



SciPy



Keras

pandas

# Program **Pedagogy**



## Instructor-led Training

Get Trained by top industry experts



## Dedicated Learning Management Team

To help you with your learning needs



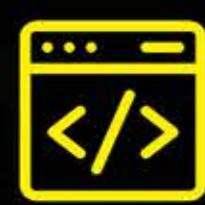
## Live Interactive Classes

Interact with your mentors, trainers on real time basis



## Pay After Placement

Pay the majority percentage of the fees once you land in the job



## Hackathons, Projects and Exercises

Get a sense of how real projects are built



## Peer Networking and Group Learning

Improve your professional network and learn from peers



## Gamified Learning

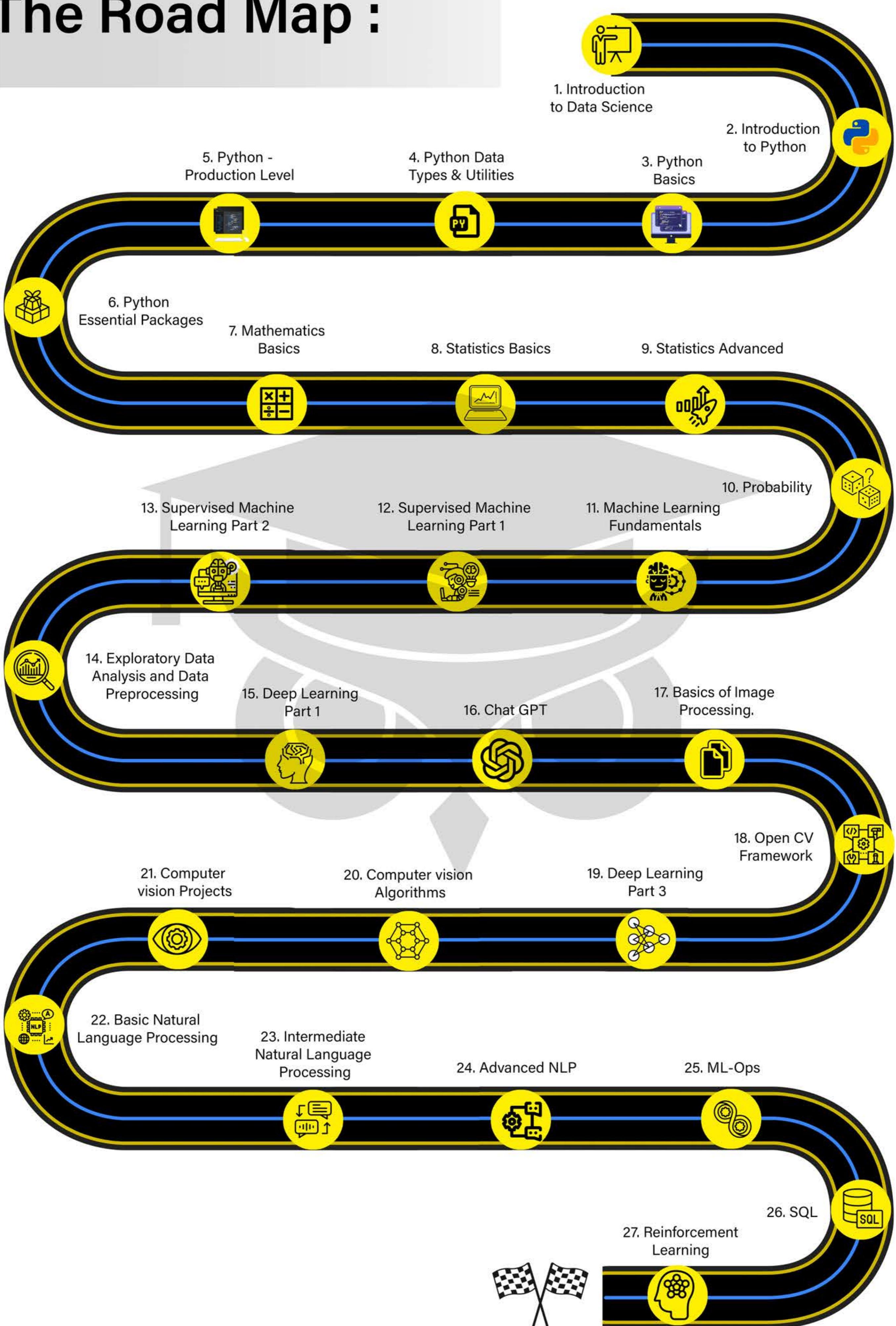
Get involved in group activities to solve real-world problems



## 1:1 Personalized Learning

Hands-on exercises, project work, quizzes, and capstone projects

# The Road Map :



# Our Curriculum:

## **Introduction to Statistics for Data Science**

In this module, you will learn how to develop insights out of data or you can say how to dig out possibilities from given data.

- a) Statistics
- b) Probability

## **Introduction to Mathematics for Data Science**

In this module, you will learn how mathematics is used in data science to identify patterns and how it assists in creating algorithms.

- a) Linear Algebra
- b) Calculus

## **Introduction to Python**

You will get a brief idea of what Python is and touch on the basics.

## **Deep Dive - Functions, OOPS, M**

In this module, you will learn how to create generic Python scripts, how to address errors/exceptions in code, and finally how to extract/filter content using regex.

## **Data Manipulation**

Through this module, you will understand Data Manipulation in detail.

## **Introduction to Machine Learning with Python**

In this module, you will learn the concept of Machine Learning and its types.

## **Supervised Learning - I**

In this module, you will learn Supervised Learning Techniques and their implementation, for example, Decision Trees, Random Forest Classifier, etc.

## **Dimensionality Reduction**

In this module, you will learn about the impact of dimensions within data. You will be taught to perform factor analysis using PCA and compress dimensions. Also, you will be developing the LDA model.

## **Supervised Learning - II**

In this module, you will learn Supervised Learning Techniques and their implementation, for example, Decision Trees, Random Forest Classifier, etc.

## **Unsupervised Learning**

In this module, you will learn about Unsupervised Learning and the various types of clustering that can be used to analyze the data.

## **Association Rules Mining and Recommendation Systems**

In this module, you will learn Association rules and their extension towards recommendation engines with the Apriori algorithm.

## **Reinforcement Learning**

In this module, you will learn about Unsupervised Learning and the various types of clustering that can be used to analyze the data.

## **Time Series Analysis**

In this module, you will learn about Time Series Analysis to forecast dependent variables based on time. You will be taught different models for time series modeling such that you analyze real-time-dependent data for forecasting.

## **Model Selection and Boosting**

In this module, you will learn about selecting one model over another. Also, you will learn about Boosting and its importance in Machine Learning. You will learn how to convert weaker algorithms into stronger ones.

## **Sequences and File Operations**

Learn different types of sequence structures, related operations, and their usage. Also learn diverse ways of opening, reading, and writing to files.

## **Introduction to NumPy, Pandas, and Matplotlib**

This module helps you get familiar with the basics of statistics, different types of measures and probability distributions, and the supporting libraries in Python that assist in these operations. Also, you will learn in detail about data visualization.

## **Case studies will be a part of this Python Certification Course**

## **Natural Language Processing with Deep Learning in Python N and TensorFlow**

### **Addon Syllabus**

Bigdata, Sparck & Kafka, MongoDB

Chat GPT

Data Warehousing & ETL

Cloud Computing (AWS, AZURE, CGP)

Deployment of Machine Learning Models to Cloud

Data Science Project Management

# Our Industry Experts



**Mr. Havish Madhvapaty**

Founder - Havish M Consulting



**Mr. Priyank Ahuja**

Product Manager - Accenture



**Mr. Dhaval Thanki**

Vice President, APAC, MEA-  
LogiNext



**Mr. Anand Gurumurthy**

CEO and Founder - Cosmitude  
Softwares Pvt Ltd



**Mr. Sujit Sukumaran**

Founder & CEO - Optimus  
Management Consultants, Dubai,  
United Arab Emirates



**Mr. Rajashekhar Karjagi**

Manager - Analytics Solutions & POC  
-Accenture



**Mr. Mukesh Jain**

Global CTIO "Data", Global Head of  
Innovation & VP Insights & Data-  
Capgemini



**Mr. Joshua Devadas**

Data Science Manager - Accenture



**Mr. Nitin Bhosekar**

Head Advanced Analytics, Artificial  
Intelligence, Automation, Big Data,  
DW Practice & Executive Vice  
President - Aress Software



**Mr. Utsab Chakraborty**

Senior Analytics Manager (Asst.  
Director) - Flipkart



**Major Dr. Alexander M John**

Vice President, Operations -  
Foundation AI



**Mr. Manoj Kumar Rajendran**

Principal Data Scientist - MiQ Digital  
India



**Mr. Vinayakaram Gururajan**

Data Scientist - Tata Consultancy  
Services



**Mr. Shriram Vasudevan**

Project Manager -L&T Technology  
Service Ltd



**Mr. Balaji Subudhi**

Senior Data Scientist



**Mr. Anish Raj**

Human Resources Director



**Mrs. Mithila Harish**

Data Scientist Micron Technology,  
Singapore



**Mr. Ravi Parthasarathy**

CEO/Director People Plus  
Consultants, Singapore

# Eminent Mentors You Will Learn From !

## **Advaith R P**

Data Scientist at ExcelR

He is our ace trainer working in one of the leading market research companies based out of London and has extensive experience in the field of Analytics. He has been with us for over 2 years.

## **Thejasvi T V**

Data Science Manager

Data Scientist and a Certified Six Sigma Black Belt (ASQ) with 15+ years of experience in applying statistical techniques for solving business problems across industry verticals. Rich experience in applying Six Sigma methodology and quality improvement. Focus on new developments in analytics and data mining. Development and Implementation of data mining and machine learning techniques algorithms in different domains. Hands-on experience in the use of R and KNIME

## **Udayan Goswami**

Statistics-Masters in Data Science & FinTech at the University of London

Experience in building predictive and statistical models with a demonstrated history of working in the information technology and services industry. Skilled in python, pyspark, Hive (basic).Excel. Powerpoint, R, and SPSS SQL.Spark and Retail Banking.

## **Sumanth Meenan**

Data Scientist

Data scientist with 4+ years of experience building Machine Learning and Deep Learning models. Worked extensively on Python3, from web scraping on 15 enabled web pages using BeautifulSoup and Selenium to building Machine Learning Models using libraries like sklearn, libsvm, xgboost, nice, spacy, etc. to their deployment in production, maintaining and monitoring them using Kubeflow.

## **Sandeepa MS**

Data Science Expert @ HP Sales Ops

Data Science professional with a strong Statistical background, deep knowledge of Statistical concepts, existing Machine Learning, Data Mining algorithms. Passionate about data which can be used to build intelligent systems for solving important problems with the help of Statistics. Expertise in understanding complex business requirements and communicating effectively with clients. Specialties: Machine Learning, Statistical Modeling, Predictive Modeling, R, Python, SQL, SAS, SPSS and analytics.

## **Shreehari Nalabolu**

Data Scientist at Novartis | Ex-Verizon | AI Mentor

As a part of the Analytics team, I help the business improve customer satisfaction and reduce operation costs through data-driven techniques. Identify the key pain points in the business, convert the business problem into a Data Science problem, and solve them through Advanced Analytics.

## **Chandra Shekar Gogula**

Consultant at TCS (Data Scientist)

Chandra Sekhar is a Data Scientist professional with close to 9+ years of experience in Machine Learning, Statistical Modelling, Data Science, Predictive Analytics & Business Consulting. He has a demonstrated history of working in domains like BFSI, Retail, e-commerce, Media & Entertainment, etc. He is a graduate from Andhra University. Specialties: FMCG | Market Research | Click stream data | Banking & Finance | Predictive Analytics | Data Science | Advanced Statistics | Data Mining | Machine Learning | SAS | R| VBA | Saw Tooth | SQL |Power BI | Python | SPSS |Excel based Simulators.

## **Raja Srivatasava**

Software Developer at Publicis Sapient | Ex-TCSer

An experienced Data Science professional with a strong background in Statistics, statistical modeling,, data mining, machine learning, and deep learning frameworks for NLP and Computer vision.

## **Vinod Veda**

Sr. Applied Data Scientist

Course Instructor (Data Science) data science for business courses with and also at Excelr Solutions. While he continues to work at a corporate firm in Bengaluru.

## **Prashanth Nayalakanti**

Manager, Strategy & Analytics, AI & Data Science

14+ years of experience teaching passionately to our trainees from Deloitte

## **Mohan A**

Tech Lead Data Scientist at INVESCO (HYDERABAD) PRIVATE LIMITED

I am a meticulous, results-oriented, and skilled professional offering more than four years of experience and expertise in collecting, analyzing, and interpreting large datasets, developing new forecasting models, and performing data management tasks. I am adept in providing strategic direction for the company by identifying opportunities in large, rich data sets and creating and implementing data-driven strategies including revenue and profits.

## **Tushit Dave**

Data Consultant

Data Scientist by using Python for Machine Learning, Artificial Intelligence, data visualization, predictive analysis, and exploratory data analysis within Data Science space consulting firms. Focus on Natural Language Processing (NLP), Machine Learning (ML), Computer Vision and Deep Learning(DL). Language & Framework: Python (pandas, numpy, sci-kit-learn, scrapy, flask, etc...) | Deep Learning (Keras/Tensorflow, Pytorch) | Docker | Spark | R | SQL | AutoML(TPOT).

## **Mithun DJ**

Senior Manager Data Sciences

10 years of experience as a Data Science Trainer. Expert in R, Python, SPSS, ORANGE, TABLEAU, and Machine Learning. Deep Learning, NLP. Certification: AWS Academy Graduate - AWS Academy Machine Learning Foundations AWS Academy Educator IBM certified Trainer Enterprise Design Thinker Projects.

# Why Is Our Placement Assurance\* The Best?

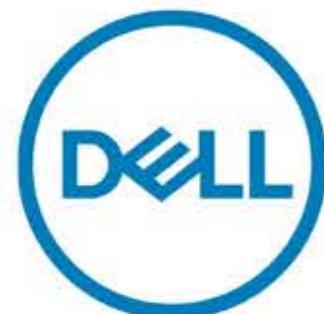
**150+**  
Hiring  
Partners

**INR 7L**  
Average  
Salary

**Upto INR 1L**  
Earn While  
You Learn

**98.6%**  
Impeccable  
Placement Rate

## Where Our Learners Work



# Our Success Stories

## Mahadev Kadam

Data Scientist at Hexaware Technologies

Offer 19 LPA

Aspire Tech Academy has helped me land a job with about 250% salary hike, and I have never been more satisfied with the results I was able to get, the placement assistance of The institute is wonderful. They prepared me very well for the interviews while also helping me interview until I was placed I am pleased to have been.

## Teena Prithviraj Jain

Data Scientist at Hexaware Technologies

Offer 5.5 LPA

Aspire Tech Academy helped me upskill my career as well as get a great job in Data Science. They have been there throughout, providing sessions to clear any doubts so that both the concept and the career path is clear for me. It is because of the phenomenal guidance offered by Aspire Tech Academy that I was able to get placed at such a great job with such ease.

## Bhargav Nishanth

Data Scientist at Hexaware Technologies

Offer 5.5 LPA

From the modules to the mentors, everything I experienced throughout the course with Aspire Tech Academy was intelligible and supportive. They provided proper walkthroughs for the interviews and also helped me find great opportunities and packages. Aspire Tech Academy offers a kind of learning environment that I didn't think was possible to find online. And I am glad to be a part of this family.

## Yogeshwar Verma

Data Scientist at Accenture

Offer 18 LPA

Aspire Tech Academy's thorough curriculum, valuable feedback, and placement assistance have significantly helped me build a career in Data Science and Analytics. They provide a very personalized level of career boosts that not only helped me land a great job but also assisted me in developing myself and enhancing my profile

## Shashi Kiran

Data Scientist at Tata Consultancy Services

Offer 14 LPA

The instructors here are highly skilled and patient, and I could sense it in the way they conducted the sessions. It was not only about the lectures they gave, but they also provided great career guidance which is not that easily found. Aspire Tech Academy helped me bag a job that pays well and also prepared me in a way that I enjoy what I do for a living.

## **Jay Prakash**

**Assistant Manager at Flipkart**

**Offer 30% Hike**

The mentorship and guidance provided by Aspire Tech Academy is something that, I feel, stands out from the rest on a personal level. I don't think I could have found this type of direction and guidance elsewhere. The instructions that were provided or the feedback I received were so elaborate that it motivated me to face all the interviews and placement processes with a new sense of dedication and confidence.

## **Shameer Khan**

**Professional 1 Product Delivery at DXC Technology**

**Offer 9 LPA**

I never thought career guidance could be so eased out until I found Aspire Tech Academy. There have been instances I clearly remember that have helped me ace the interviews and secure a great job. They not only provided a thorough knowledge of data science concepts, but also helped with the real life applications of it.

## **Chethan**

**Data Scientist at Smart Data Enterprises Inc.**

**Offer 8 LPA**

The insights I acquired from Aspire Tech Academy's Data Science Program are valuable. The concepts were clear and the mentors were great. Moreover, they were also there throughout the process of my placement. From helping me find better job openings to assisting how to ace an interview, Aspire Tech Academy helped me get through it all.

## **Abhirami KV**

**DataScience Intern at Bayer**

**Offer 3.6 LPA**

My name is Abhirami, and I am from Kerala (Kannur). I was hired as a Data Science Consultant by the Bayer. After finishing my master's degree, I intended to go upstairs and pursue a career in data science; all of these skills were acquired through Aspire Tech Academy, and they will provide placement assistance and support. I went to three interviews and was placed with bayer. I am grateful to Aspire Tech Academy for providing

## **Tejasvi M**

**Data Scientist Trainee at BytelQ Analytics pvt Ltd**

**Offer 3.36 LPA**

My name is Tejasvi M! After receiving my Masters degree (MTech), I decided to pursue a career in data science. I chose Aspire Tech Academy. I was hired as a Data Scientist Trainee at BytelQ Analytics Pvt Ltd, and Aspire Tech Academy assisted me in learning these skills and will assist me with job placement.

# Who Can Apply for the Course?

- Individuals with a bachelor's degree and a keen interest to learn AI and Data Science
- IT professionals looking for a career transition as Data Scientists and Artificial Intelligence Engineers
- Professionals aiming to move ahead in their IT career
- Artificial Intelligence and Business Intelligence professionals
- Developers and Project Managers
- Freshers who aspire to build their career in the field of Artificial Intelligence and Data Science

## Application Process

The application process consists of three simple steps. Candidates have to submit their application. An offer of admission will be made to the selected candidates, and their application will be accepted upon the payment of the admission fee.

**1**

### SUBMIT APPLICATION

Tell us a bit about yourself and why you want to join



**2**

### ADMISSION TEST & APPLICATION REVIEW

Clear the admission test and have a personal interview with our interview panel



**3**

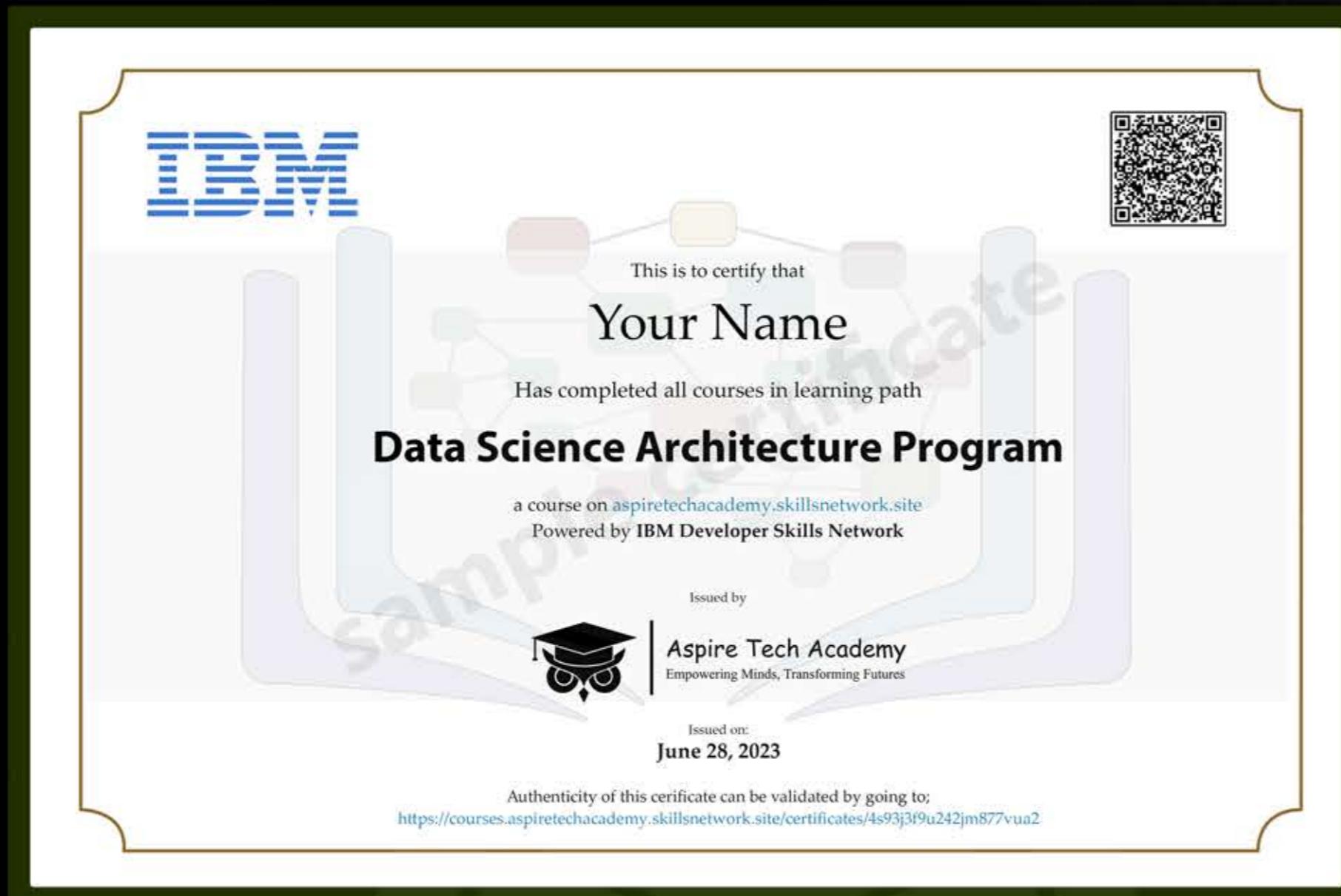
### ADMISSION LETTER

Shortlisted candidates would be offered the admission letter

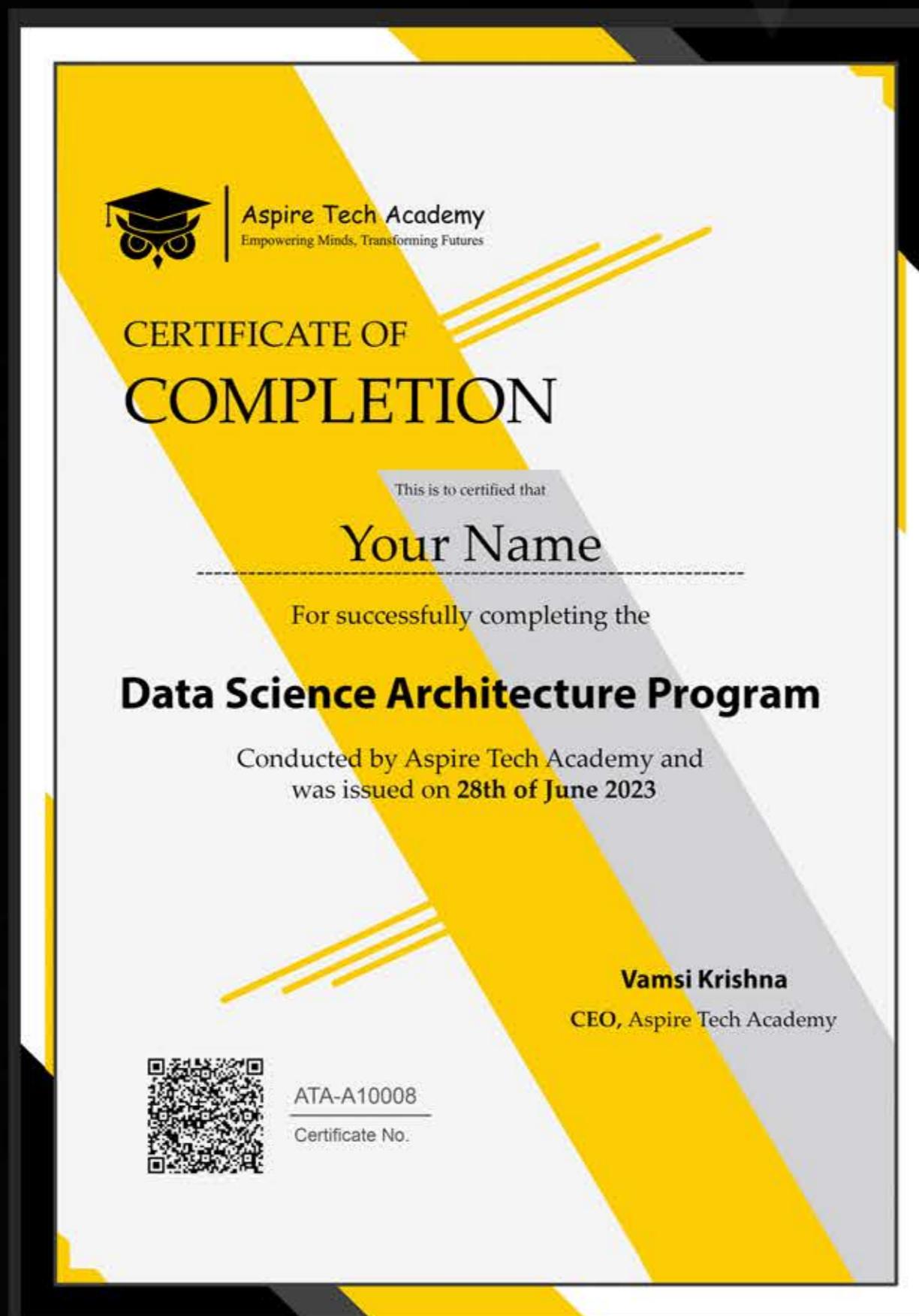


# Sample Certificate

## IBM Certificate



## Aspire Tech Academy Certificate



Along with these certificates you will also get 1 year experience certificate and certificate for internships.



## Fee Structure

### IBM Certified Data Science Architecture Program

**Course Duration : 6 months**

**Complete Course Fee : INR 2,00,000 + GST**

**Initial Payment INR 69,999 + GST**  
(No cost EMI\*)

Get upto **30%** Scholarship

Talk to the admission team to know how?

The initial payment is considered as an amount to show case your seriousness for the course. Obviously the majority portion of the fees ie., 60% is paid after successfully cracking a job on top of this you will also be eligible for the 30% of the scholarship on the complete course fees and also the initial payment.

# **IBM Certified Data Science Architecture Program**

To know in detail about the program and its prospects,  
get in touch with our academic counselors today!



**+91-9036879156**



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**www.aspiretechacademy.com**



**Aspire Tech Academy**  
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**Aspire Tech Academy**

Empowering Minds, Transforming Futures



# Aspire Tech Academy

Empowering Minds, Transforming Futures