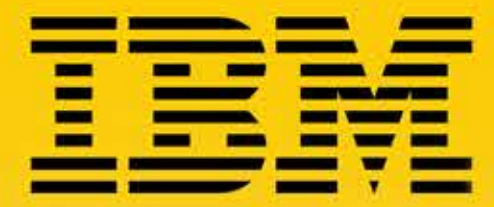# Aspire Tech Academy
Empowering Minds, Transforming Futures

IBM

Fast Track
Data Analytics
Launchpad Course
(Guaranteed Internship Program)

Unleash the potential of data-driven decision-making through our innovative Data Analytics & Generative AI program, developed in partnership with IBM. Delve into the cutting-edge realm of Generative AI and discover its impactful applications in the field of data analytics. This course is meticulously designed to equip you to excel in the field of data analytics.

Join us and embark on a transformative learning journey to propel your career forward.

IAF
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ISO
9001:2015

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Why Kickstart Your Career With

Data Analytics?

WHY?

According to projections by the World Economic Forum, Data Analysts are poised to become one of the most sought-after professionals in the job market by 2025. Organisations recognize data analysis as a critical skill due to its capacity to extract valuable insights from data. In today's business landscape, where over 2.5 quintillion bytes of data are generated daily, the demand for skilled Data Analysts continues to rise, creating abundant job opportunities and avenues for career advancement.

Join the Data Analytics Industry

Data Science and Analytics jobs are projected to see growth by 31% in the upcoming decade. The data analytics market is estimated to reach $24.63 Bn in 2025 and is projected to grow at a compound annual gowth rate of 25 per from 2025 to 2030.

11.5 M	31 %	INR 4L-11L
Expected New Jobs For Data Science And Analytics	Annual Job Growth By 2030	Average Annual Salary

The reality is that professionals entering the Data Analytics field now are positioned to access a multitude of job options with competitive salaries. The Future of Jobs Report 2020 anticipates a shift in labour division between humans and machines, potentially displacing 85 million jobs by 2025. However, roles in high demand include data analysts and scientists, AI and machine learning specialists, robotics engineers, software and application developers, as well as digital transformation specialists.

Data Analytics Availability vs Market Needs

The global shortage of skilled professionals in the field of data analytics is steadily increasing due to the overwhelming demand for talent, highlighting a disparity between availability and market needs.

GLOBAL DATA ANALYTICS MARKET 2022-2026

Market growth will **ACCELERATE** at a **CAGR** of

13.54%

Incremental growth ($B)

196.47

2021   2026

The market is **FRAGMENTED** with several players occupying the market

Growth Contributed by **APAC**

32%

Growth for **2022**

8.05%

Data Analytics Availability

Skilled data analytics professionals play a vital role in our data-driven world, serving as the bridge between raw data and actionable insights. Their expertise drives innovation, enabling businesses and organizations to make informed decisions and achieve meaningful outcomes.

Market Needs

In today's market, the demand for data analytics skills is soaring as businesses acknowledge the potency of data-driven decision-making for gaining a competitive advantage and fostering innovation. In an ever-evolving competitive landscape, businesses heavily lean on data analytics to glean valuable insights, drive data-centric decisions, and anticipate market trends. This underscores the escalating requirement for proficient data analytics professionals across diverse industries.

Optimize Your Career Trajectory With Aspire Tech Academy's IBM Certified Data Analytics Course!

Aspire Tech Academy's Fast Track Data Analytics Launchpad Course is a comprehensive and industry-relvant training program that will equip you with skills you need to succeed in the data analytics field and this also comes easy on your pockets, on top of all this Aspire Tech Academy is ISO 9001:2015 and IAF Certified

The program is suitable for both freshers, recent graduates and working professionals with 1 or 2 years of work experience, 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 analytics 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 analytics can become successful professionals. This three-month online course, led by experienced instructors, is crafted to instil confidence and equip participants with the necessary skills to jumpstart their careers. With our immersive approach and exclusive Internship Guaranteed feature, participants engage in hands-on learning through micro-projects tech capstone projects, receiving guidance from industry experts and seasoned faculty members. As a bonus, upon completion, you'll earn an IBM certified Data Analytics Professional Certificate.

Program Highlights

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

Gauranteed 2 months paid Internship for a complete hand-on learing experince

Certification by IBM/ISO-IAF Certification.

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

Refresher Sessions

Mentoring Sessions by Industry Experts

Paid Internship Guaranteed* after successful completion of the program

Top Skills You Will Master

Data Analysis

Data Cleaning And Preparation

Exploratory Data Analysis

Creating Data Visualizations

Creating Dashboards And Reports

Statistical Knowledge

Data Visualization

Data analysis and exploration

Tools Covered

Excel

NumPy

+ableau

MySQL

R

SciPy

Power BI

python

pandas

Program **Pedagogy**

Istructor-led Training
Get Trained by top industry experts

Dedicated Learning Management Team
To help you with your learning needs

Online Live Classes
Learn at your own pace with world-class content

Projects and Exercises
Get real-world experience through projects

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 :

1. Introduction to Data Analytic

2. Introduction to Python Programming

3. Python - Basics

4. Python Data Types & Utilities

5. Python Essential Packages

6. SQL and Database

7. Visualization using power BI

8. Visualization using Tableau

9. Excel Basic

10. Excel Advanced

Our Curriculum:

Introduction to Data analytics

a) Introduction to Data analytics

b) Explanation of data analytics with real-world Examples Applications using Data analytics , Machine Learning, Deep learning, and computer vision

Introduction to Python programming

a) Learning the importance of Python programming language compared to other languages | Memory Allocation The difference between ID's

Python - Basics

a) Introduction to Python: Installation and Running (Jupyter Notebook, .py file from terminal, Google Colab)

b) Variables

c) Flow Control: If, Elif, Else

d) Loops

Python Data Types & Utilities

a) List, List of Lists and List Comprehension

b) Set and Tuple

c) Dictionary and Dictionary comprehension

d) Functions

e) map filter and reduce

f) decorator

Python Essential Packages

    a) Numpy
    b) Pandas
    c) Data Visualization Library: Matplotlib, Seaborn
    d) Integration as an area under the curve

SQL and Database

    b) What is a database
    c) Understanding SQL and its importance
    d) Basic SQL Commands: SELECT, INSERT, UPDATE, DELETE statements.
    e) Filtering data using the WHERE clause
    f) Sorting data with ORDER
    g) Aggregating data with GROUP BY and HAVING
    h) Working with NULL values.
    i) INNER JOIN, LEFT JOIN, RIGHT JOIN, and FULL OUTER JOIN.
    j) Understanding primary keys and foreign keys.nce, Standard Deviation
    k) One-to-one, one-to-many, and many-to-many relationships.

Visualisation using Power BI

    a) Donut Chart
    b) Scatter Plot
    c) Bubble Chart
    d) Map Chart
    e) Connecting to Data
    f) Data Preparation
    g) Data Blending
    h) Data Aggregation
    i) Joins and Relationships
    j) Calculated Fields

Excel Basic

a) Basic Excel Functions
b) Cell Formatting
c) Data Entry and Editing
d) Formulas
e) Cell References
f) Formatting Numbers
g) Data Sorting and Filtering
h) Charts and Graphs
i) Data Analysis Tools
j) Conditional Formatting

Excel Advanced

a) Data Validation
b) Working with Sheets
c) Basic Keyboard
d) Shortcuts
e) Printing and Page Setup
f) Basic Formulas and Functions
   (e.g., SUM, AVERAGE, COUNT)

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 Chakraborthy
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

Why Is Our Placement Guarantee* The Best?

(This is for Data Science Architecture Programme)

| **150+** | **INR 7L** | **Upto INR 1L** | **98.6%** |
| Hiring Partners | Average Salary | Earn While You Learn | Impeccable Placement Rate |

Where Our Learners Work

Infosys • tcs TATA CONSULTANCY SERVICES • TECH mahindra • Microsoft

stan Unilever Limi • HEXAWARE • wipro • ALTIMETRIK

DELL • Paytm • IBM

amazon • Flipkart • TOSHIBA • makemytrip

bigbasket • BAJAJ • Jio • virtusa

OLA • Uber • PhonePe • OYO

[24]7.ai • Deloitte. • BERKADIA • TITAN

Who Can Apply for the Course?

Any graduates from commerce, science and engineering streams

Professionals from any domain who have logical and analytical skills

Professionals from BPO and KPO domains

Finance and Accounting professionals

Professionals who can consider **Data Analyst** as a next logical move to enhance their careers

Freshers from any stream with good Analytical and logical skills

Management professionals

Application Process

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

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IBM Certified Fast Track
Data Analytics Launchpad Course

Course Fee 34,999 + GST

Scholarship Upto 15,000/-

Effective Fee 19,999/-

Contact the below mentioned number to know your eligibility for scholarship

📞 **+91-9036879156**

✉ **reach-us@aspiretechacademy.com**

🌐 **www.aspiretechacademy.com**

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