



Kapil IT Skill HUB
Your path to success



Data **ANALYTICS**

Smart Data Solutions

Data Analytics CERTIFICATION TRAINING COURSE

www.kapilitshub.com

Data Analytics Demo Date : _____

Data Analytics Time : _____

Data Analytics Duration : _____ Months

Data Analytics Trainer : _____

Data Analytics Fee : Rs. _____

Our Expert Trainers

Hello! I'm Mukesh Having 18+ Years of Experience It's great to connect with you, and I'm here to help you on your journey into the world of Data Analytics . I'm excited to share my knowledge and experience with you as you on this. Throughout my career, I've had the pleasure of guiding numerous students, and it's always incredible to see them set out on their Data Analytics journeys.



● Training Highlights

- Providing individualized support and mentorship to expedite the learning process.
- A hands-on and comprehensive approach that ensures accessibility and empowers everyone to excel through practical learning and understanding.
- A curriculum crafted by industry experts and subject matter authorities, tailored to prepare students for the real-world demands of their chosen field.
- Bringing invaluable insights and expertise to the classroom through guest lectures by prominent professionals from top multinational corporations (MNCs).

Program Pedagogy ●

Instructor-LED Training

Get Trained by top industry experts

1:1 Personalized Learning

Hands on exercises, project work, quizzes & capstone projects

Projects and Exercises

Get real-world experience through projects

Hackthons

Get a sense of how real projects are built

● Key Highlights

75 Hrs Instructor-Led Training



100% Job Assistance



Internship Opportunities

90 Days Free Lab access



Kapil IT Skill Certification



Corporate Training Environment



• Hottest Job of 21st Century

1.2 million Job Postings

According to a recent report by Indeed, there were over 1.2 million job postings for data analytics in 2023.

Growing AWS Industry

The CAGR (compound annual growth rate) for data analyst jobs is expected to be 13.5% from 2023 to 2030.

Popular Degree

40% of the data analyst have masters degree

Skill Development

Data Analysts are equipped with various relevant skill, fetching lucrative job offers

Future oriented Career

Data Analytics is a budding field; a head start will prove to be beneficial

High Demand

According to a report by the McKinsey Global Institute, there will be a shortage of 2.7 million data analytics professionals by 2023

Module 1: What is "Data" and its Types

- Topics:**
- Understanding the structure of data (tabular, text, hierarchical, network, etc.).
 - Understanding the Unstructured of data (Image, Audio, Video, etc.).
 - Understanding the Semi-structured of data (XML, JSON, etc.).
 - Differentiating between numerical (continuous, discrete) and categorical data.

Module 2: Data Storage

- Relational databases like MySQL for structured data, and NoSQL databases like MongoDB for handling unstructured or semi-structured data..

Data Cleaning and Preprocessing:

- Handling missing data: Imputation, deletion, or using algorithms to fill in missing values.
- Dealing with outliers: Identifying and handling extreme values that deviate from the norm.
- Data transformation: Scaling, normalisation, or standardisation of features

Data Manipulation & Visualization:

- Aggregating and summarising data using functions like grouping, pivoting, and merging.
- Creating meaningful visual representations of data

Module 3: Programming Foundations (for Non Coding people)

- Gain a broad understanding of key computer science principles, including algorithms, data structures, and computational thinking.
- Understand the fundamental concepts of programming, such as variables, control structures, and algorithms.
- Learn how to effectively utilize these tools to collaborate, manage code, and navigate the software development process

Module 4: Introduction of Python & It's libraries (Python Basics:)

- A beginner-friendly syntax and fundamental concepts like variables, loops, conditions, and data structures. It enables non-technical learners to store, manipulate, and process data effectively for data science tasks.

- Python's built-in data structures such as lists, dictionaries, tuples, and sets that allow non-technical learners to store and organize data efficiently.

Essential Libraries for Data Science

- Python's data science libraries, such as NumPy for numerical computing and Pandas for data manipulation, provide powerful tools. Learners can visualize data using Matplotlib and Seaborn, facilitating insights and analysis

Module 5: Data Visualization with Tableau

- Topics:**
- Develop hands-on skills in creating compelling visualisations using Tableau's features and functionalities.
 - Receive feedback and guidance to enhance your data visualisation capabilities with Tableau's interactive dashboards and storytelling tools.

Module 6: Predictive Analytics

- Engage in hands-on activities to build predictive models using regression, classification, and machine learning algorithms
- Apply your skills to real datasets and evaluate model performance using appropriate metrics.

Module 7: Power BI

Introduction

- Provide an overview of Power BI and its role in data analytics and business intelligence.
- Explain the benefits of using Power BI for data visualization, data analysis, and reporting.

Module 8: Interface and Workflow:

- Familiarize students with the Power BI interface, including the main components such as Power BI Desktop, Power BI Service, and Power BI Mobile.

Module 9: Data Preparation and Transformation:

- Import and connect to various data sources in Power BI, such as Excel files, databases, and online services.
- Explore data transformation capabilities, including data cleaning, shaping, and combining data from multiple sources.

Module 10: Visualizations and Dashboards

- Topics:**
- Cover the different visualization types available in Power BI, such as charts, tables, maps, and slicers.
 - Teach students how to create interactive and visually appealing dashboards using Power BI's drag-and-drop interface.

Module 11: Mini – projects

- Apply the knowledge and skills acquired throughout the curriculum, including Tableau expertise, to a comprehensive capstone project.
- Work on a real-world data analytics problem, from data acquisition to analysis, visualization, and storytelling using Tableau.
- Present your findings and recommendations, showcasing your abilities in a practical setting with Tableau's interactive visualizations.

Module 12: Natural Language Processing (NLP) and Text Analytics

- Introduce the basics of NLP and its applications in text analytics.
- Provide hands-on activities for text preprocessing, sentiment analysis, topic modeling, and text classification.
- Explore libraries such as NLTK (Natural Language Toolkit) or spacy for NLP tasks.

Module 13: Data Storytelling and Communication

- Emphasize the importance of effectively communicating data insights.
- Provide hands-on exercises on crafting data-driven narratives and designing impactful data visualizations.
- Introduce techniques for presenting data findings to different stakeholders and conveying the story behind the data.

Module 14: Domain Case Studies

- Select a specific domain case study (e.g., finance, healthcare, retail, marketing).
- Present the case study scenario and the relevant dataset.
- Define the learning objectives for the case study.
- Guide you through the process of data preprocessing and exploratory data analysis.
- Teach relevant analytical techniques and models applicable to the case study.

- Provide hands-on exercises for you to apply your knowledge and analyze the data.
- Discuss the insights gained and potential business implications from the case study.

Module 15: Data Ethics and Privacy

- Participate in hands-on discussions and case studies to understand the ethical implications of data analytics.
- Analyze real-world scenarios to identify privacy concerns and develop strategies to protect data.
- Explore best practices and guidelines for responsible and ethical data handling.

Module 16: Portfolio and Mock Interview Preparation

- Resume Preparation
- Helping builds a professional resume and portfolio projects in the resume
- LinkedIn profile Optimization.

Module 17: Mock Interview preparation

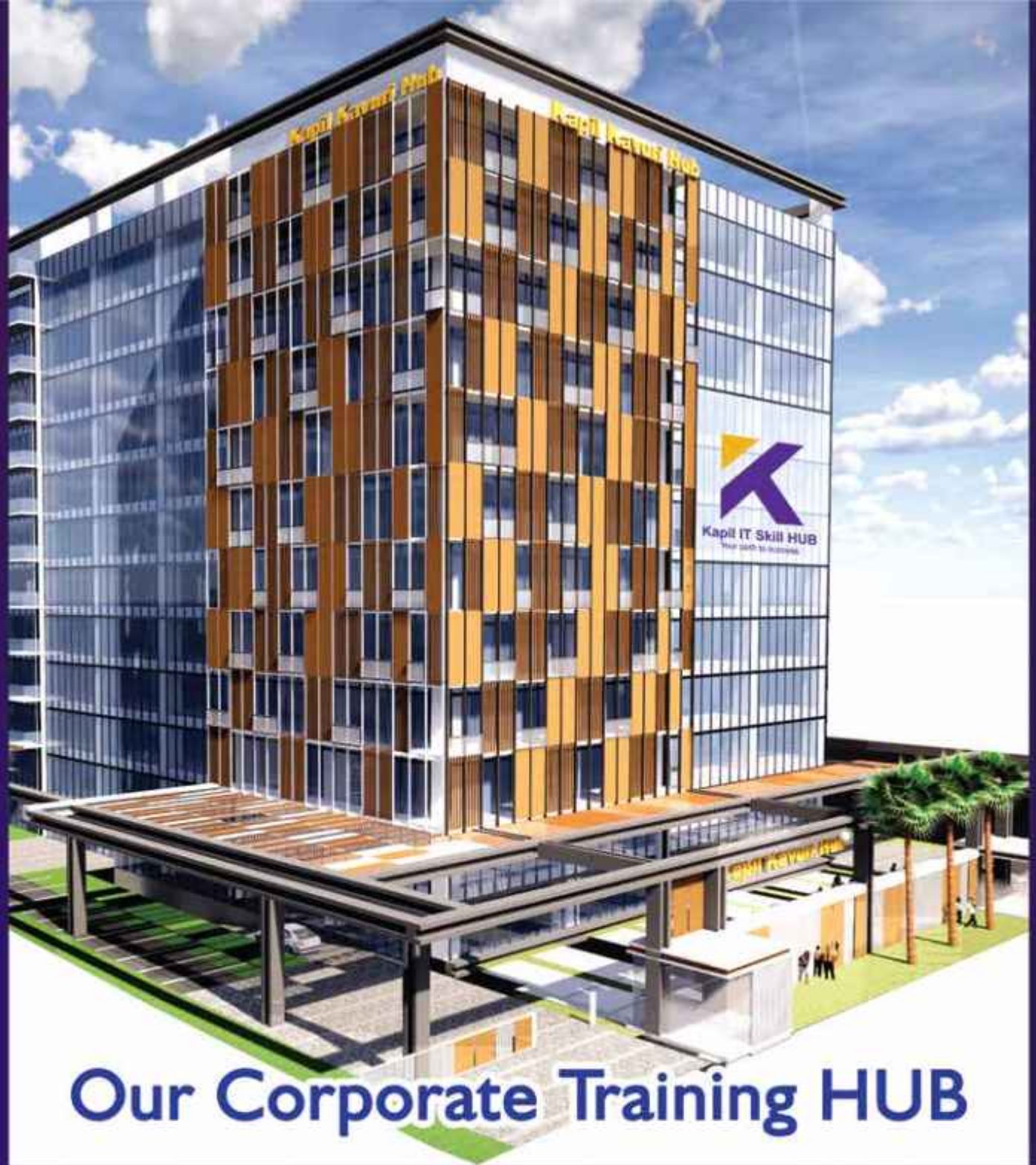
- Getting good assistance for interview preparation
- Conducting mock-interviews with professionals in related industries.



SOFT SKILLS

Roots of Communication	LSRW 7 Cs of Communication	Mastering Helping Verb And Main Verb
Roots of Grammar	Parts of Speech Sentence Structure Development Tense Logic Worksheet Sessions	
Speech Intelligence	Vocabulary Development Usage of words Group Discussions JAMS Debates Public Speaking	
Personality Development	Imagination and Innovation Training Centralized Brain Storming Problem Solving Skills Decision Making	
Management Skills	Time Management Team Building Task Management Leadership Skills	
Interview Skills	Employability Think like a Professional Clearing HR Rounds Salary Negotiation Bond Negotiation	
Presentation Skills	Research Skills Public Speaking Visualization White Board Presentation Mastering Powerpoint Content Creation	Dream Company Reading Skills Comprehension Skills
Personality Development	Mind Mapping Role plays Mock Interview on the Hot Seat Listening Skills Critical Thinking Thought Analysis SWOT Analysis	





Our Corporate Training HUB





KAPIL GROUP OF COMPANIES



Our Expert Corporate Services for your Career Goals

World-Class Instructors

1:1 with Industry Mentors

Inspired Trainers

Our Scheduled Programs



ATTEND FREE LIVE MASTER CLASSES

An immersive learning experience

- Develop skills for real career growth
- Learn by working on real-world problems
- Workshops & Boot Camps
- Structured guidance ensuring learning never stops
- Learn from experts active in their field, not out-of-touch trainers

Mastering Soft Skills

- Employability Skills
- Communication Skills
- Job Readiness Skills
- Life Skills



Book a Free Counseling Session



RECENTLY PLACED STUDENTS



RAJ KUMAR
Ray Business Technologies Pvt. Ltd



CHARAN
Itilite Technologies



AMULYA
Advent Global Solutions



ABHISHEK
GRCTDB Tech Labs Pvt Ltd



SUPRIYA
Advent Global Solutions



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Moolya Software Testing



RAMESH NAIDU
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SAAR Microsystems



SATYA KUMAR
SAAR Microsystems



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Your path to success



FREE SHUTTLE



CODE YOUR CAREER FOR SUCCESS



ENROLL NOW

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