



# Data Analytics Master Class



Pioneering Possibilities: Empowerment  
through Data Analytics.



## Welcome to Our Data Analytics Training Program!

At intelliNavix, we are excited to introduce you to the world of data analytics. In an age where data drives decisions, our comprehensive training program is designed to equip you with the skills and insights needed to harness the power of data effectively.

Whether you're a seasoned professional looking to enhance your skillset or someone new to the field, our program is tailored to meet your learning needs and ambitions.

We provide you with a holistic learning experience that encompasses a wide array of tools, techniques, and skills essential for success in the dynamic world of data analysis. From mastering Excel's data manipulation and visualization capabilities to harnessing the power of Power BI for interactive dashboards, our curriculum equips you with practical proficiency in handling diverse datasets.

You'll delve into the world of databases with SQL, learning how to query and manage data effectively. Python, a versatile programming language, becomes your toolkit for data manipulation, analysis, and visualization.

# PROGRAM TIMELINE

## Package 1

Data Science and Analytics intensive trainings

- Fundamentals
- Excel
- Power BI

- SQL
- Python
- Cloud technologies:  
Intro to AWS

## Package 2

Collaborations and project delivery

- Jira
- Confluence
- GitHub
- Slack

- Capstone projects

## Package 3

Workplace readiness

- Build experience
- Collaborate
- Mentorship
- CV review
- Interviews preps

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### **Week 1:** Introduction to Data Analytics

Overview of data analytics and its importance.

Understanding different types and formats of data.

**Learning outcomes:** Gain a foundational understanding of data analytics concepts and terminology.

### **Week 2:** Excel for Data Manipulation and Visualization

Introduction to Excel's data manipulation capabilities.

Creating charts and visualization dashboard.

**Learning outcomes:** Develop proficiency in using Excel for data analysis and visualization.

### Week 3: Introduction to Power BI

Exploring Power BI's interface and components.

Building interactive dashboards and reports.

Learning outcomes: Acquire the skills to create dynamic visualizations and share insights using Power BI.

### Week 4: SQL Fundamentals

Introduction to relational databases and SQL queries.

Retrieving and filtering data from databases.

Learning outcomes: Understand how to extract and manipulate data using SQL.



## Week 5: Python Basics for Data Analysis

Introduction to Python programming.

Data structures, functions, loops, and conditional statements.

Learning outcomes: Begin your journey into Python programming for data analysis.

## Week 6: Data Visualization with Python

Using Python libraries (Pandas, NumPy, Matplotlib, Seaborn) for data visualization.

Creating various types of plots.

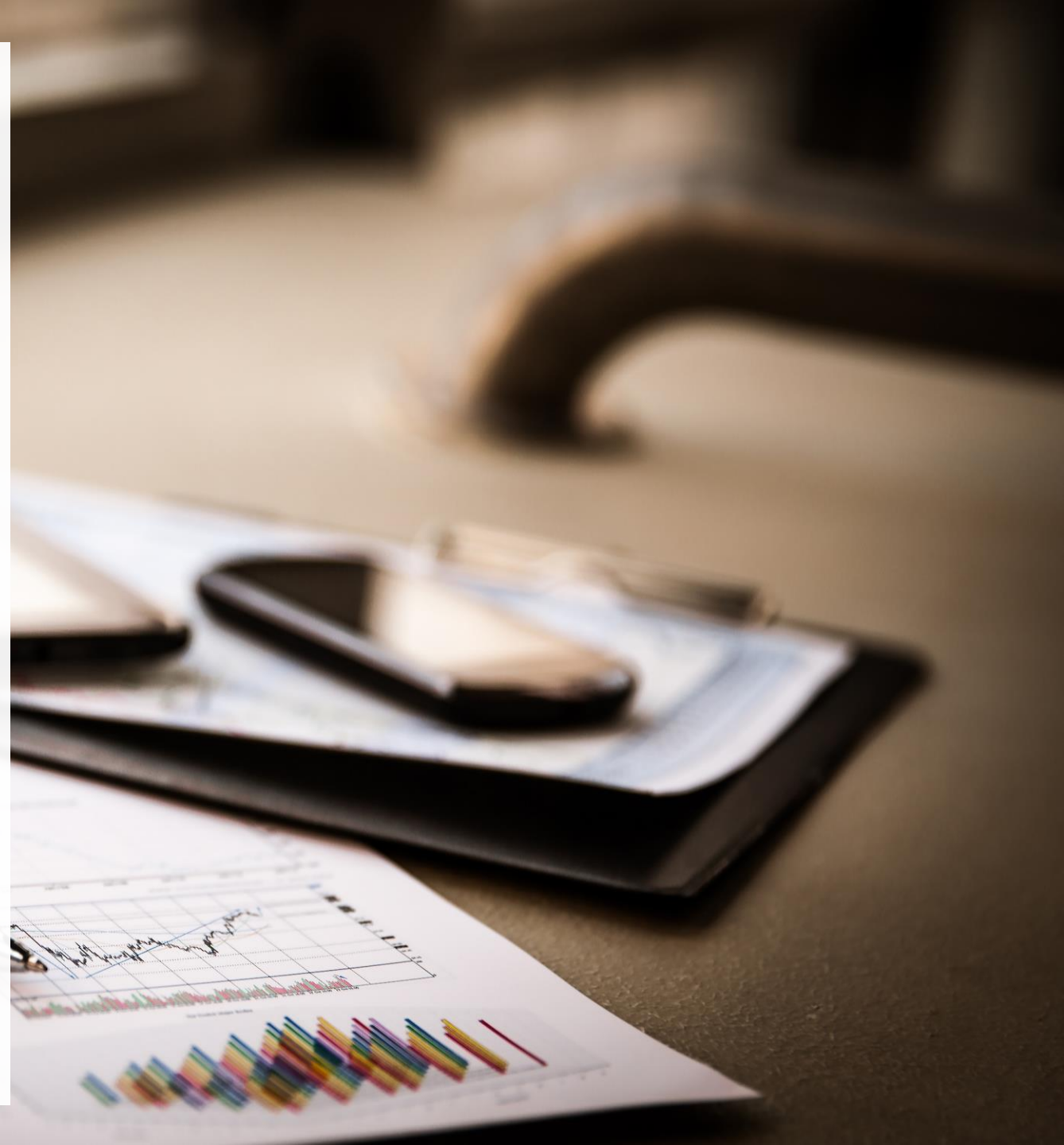
Learning outcomes: Learn how to create compelling visualizations with Python.

## Week 7: Data Cleaning and Preprocessing

Handling missing data and outliers.

Data transformation techniques.

Learning outcomes: Master data cleaning and preparation techniques for analysis.



## Week 8: Intermediate Python for Data Analysis

Working with Pandas for data manipulation.

Applying functions and methods to datasets.

Learning outcomes: Enhance your Python skills for more advanced data analysis.

## Week 9: Advanced Data Visualization

Exploring advanced visualization techniques.

Customizing plots and visual elements.

Learning outcomes: Dive deeper into data visualization and storytelling using Python.

## Week 10: Collaboration Tools and Project Management

Introduction to Jira, Confluence, GitHub, and Slack.

Managing projects, tasks, and teamwork.

Learning outcomes: Understand how to collaborate effectively using these tools.







## **Week 11: Applying Data Analysis in Different Sectors (Part 1)**

Analyzing e-commerce data:  
Customer segmentation and sales trends.

**Case study discussions.**

## **Week 12: Applying Data Analysis in Different Sectors (Part 2)**

Analyzing healthcare data: Patient records and disease trends.

**Case study discussions.**



# Tools you will learn



**amazon**  
QuickSight



## Why Choose Our Training?

We understand that the realm of data analytics can sometimes seem complex and overwhelming. That's why our program is structured with you in mind. Our expert instructors bring years of industry experience to the table, guiding you through the intricacies of data analysis and the tools that make it all possible.

## Practical Learning, Real-World Impact

At intelliNavix, we believe that true understanding comes from hands-on experience. Our training isn't just theoretical; it's practical, interactive, and geared towards real-world applications. From working with datasets to mastering cutting-edge analytics tools, you'll gain the knowledge and confidence to make data-driven decisions that create tangible impact.







## Join Our Data-Driven Community

As you embark on this journey with us, you're not just joining a training program; you're becoming part of a vibrant community of learners, thinkers, and doers. Our collaborative environment fosters networking, idea exchange, and shared learning experiences, ensuring that you're never alone on this exciting path.

## Enroll Today and Shape Your Future

Whether you're aiming to upskill, switch careers, or simply deepen your understanding of data analytics, our program is your gateway to success. Explore the endless possibilities that data analysis offers, and position yourself as a confident, skilled practitioner in the field.

# Meet our Trainers



**Dr. Yakubu Balogun**

A data-driven and innovative digital solutions provider and a seasoned data analyst with a strong background in engineering and ICT having over 10 years' experience. With a Doctorate in Engineering and Microsoft Certified Data Analyst Associate amongst other certifications, he has worked with leading organisations in sectors ranging from energy, educational and public sector.

With a passion for simplifying complex concepts, Yakubu has a knack for teaching data analytics in a practical and engaging manner. His expertise spans Excel, Python, and Power BI, and he's known for his ability to break down intricate topics into understandable chunks. Yakubu is dedicated to helping learners bridge the gap between theory and real-world applications, fostering a dynamic learning environment that equips participants with the skills they need to excel in the field.