



DATA ANALYTICS COURSE

ONLINE TRAINING



CAREER IN DATA ANALYTICS



Why Build Your Career in Data Analytics?



Demand for Data Analysts in Skyrocketing

There is a growing need and massive demand for skilled data analysts who can analyse, interpret, and communicate data effectively.



Wide Range of Job Roles

By learning data analytics, you can get a wide range of job opportunities, like Data Analyst, Business Analyst, Data Engineer, Big Data Analyst, and more.



High Salary Packages & Lucrative Career

The average salary of a data analyst in India is INR 6 LPA, which can go beyond INR 15 LPA with relevant experience and the right set of skills.



Impactful Career

Data analytics enables professionals to analyse complex data and provide insights that drive business decisions, improve products and services, and create positive change.



Fastest-Growing and Emerging Field

Data Analytics is among the fastest-growing fields. It has cropped up the market too quickly and dramatically increased the demand for skilled professionals.



Flexibility

Data analytics jobs offer flexibility in terms of work hours, remote work, and project-based work, providing professionals with greater control over their work-life balance.

Who Can Learn Data Analytics?

Learning Data Analytics becomes easier for you with proper guidance & advanced practical projects by WsCube Tech's expert trainers. You can acquire this skill if you are:



College Student

Start shaping your career right from college time by learning in-demand data analytics skills.



Graduate

Time for you to upskill, prepare yourself for a bright future, and kickstart a thriving career in data analysis.



Business Professionals

Executives, managers, and other business professionals who need to make data-driven decisions.



IT Professionals

Developers, database administrators, and other IT professionals who need to work with data.



Marketing Professionals

Marketing analysts, digital marketers, and other marketing professionals who need to measure the effectiveness of their campaigns.



Financial Professionals

Financial analysts, accountants, and other financial professionals who need to analyse financial data.



Anyone Interested in Working With Data

Anyone interested in data and who wants to learn how to analyse it can benefit from learning data analytics.

A Brief About WsCube Tech

India's Most Trusted IT Training Institute

WsCube Tech is a leading IT training institute and software development company based in Jodhpur. Since 2011, WsCube Tech has trained **1,50,000+ students** and offered internship opportunities to 3,500+ candidates.

In addition, WsCube Tech is one of the fastest-growing tech-based YouTube channels in India, with a community of **2+ Million** subscribers and **15+ Million** monthly views.

With an expert team of trainers in various technological fields, the institute has helped thousands of students across India and other Asian countries to acquire new skills and explore high-paying career opportunities.

Our learners are working at top brands, enterprises, and unicorns across India and globally.



Our *Flourishing Journey* Over The Last Decade

Start

Kushagra Bhatia, a visionary entrepreneur, laid the foundation of WsCube Tech in Jodhpur as a Web Development Company.

The institute witnessed great success which made us introduce **Advanced PHP Course and Android App Development** Course.

There was high demand for more courses. That's when we Introduced **Training in C, C++, and Java**, for both college and school students.

Won training assignment from ISRO and offered Web & Mobile Technology training. Started Java Training. Reached milestone of 5,000+ students.

2010

2011

2012

2013

2014

2015

2016

Worked on **200+ Website Projects**.

Expanded to include training division
Introduced Class room based PHP & ASP.NET courses for college students.

Expanded the service portfolio with Android/iOS app development, WordPress, and SEO.
Launched **Classroom Training** on iOS Development, WordPress, and SEO.

By now, we had worked on **8K+ Projects** & trained **3K+ Students**.

Introduced **Digital Marketing** and **CakePHP courses**.

Created a YouTube channel to offer free tutorials.

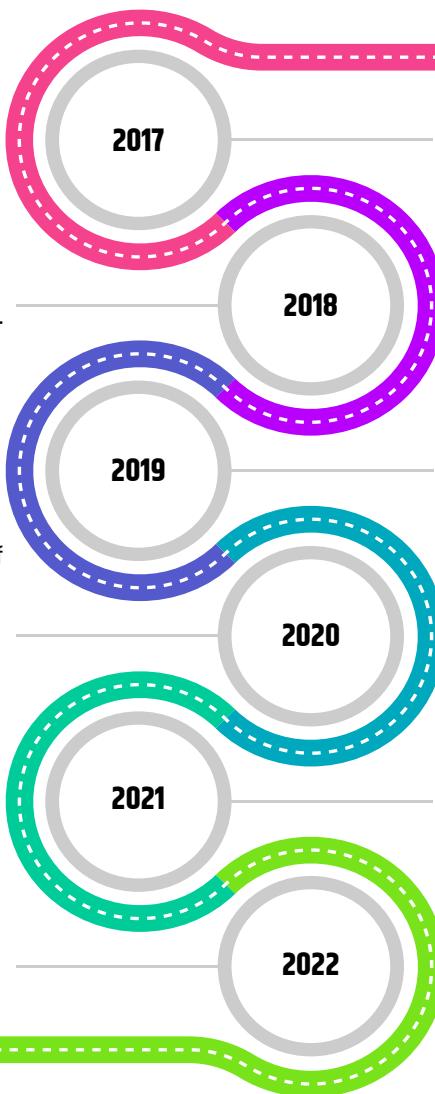
Introduced professional courses on **Robotics**, **PLC-SCADA**, and **Advanced Python**.

2,000+ students and working professionals enrolled in these courses.

During the pandemic, introduced **LIVE classes** for most courses.

Doubled the frequency of videos published on YouTube. Surpassed 100K+ Subscribers.

Hit the milestone of 1 Million subscribers on YouTube. More than 110 batches (online + classroom) run per month now, with over 45 courses. Launched Data Science Course.



Adopted robust web frameworks like NodeJS, AngularJS, & Laravel for projects. Started **Python and Machine Learning Courses** and trained 2,000+ students.

Crossed **50K+ YouTube Subscribers**.

Started providing pre-recorded online courses. New courses were also launched for various programming languages.

Introduced **Ethical Hacking & Penetration Testing courses** (both online and offline). Published 1750+ tutorials on YouTube and crossed 500K subscribers.

There is no looking back!



2+ Million Subscribers

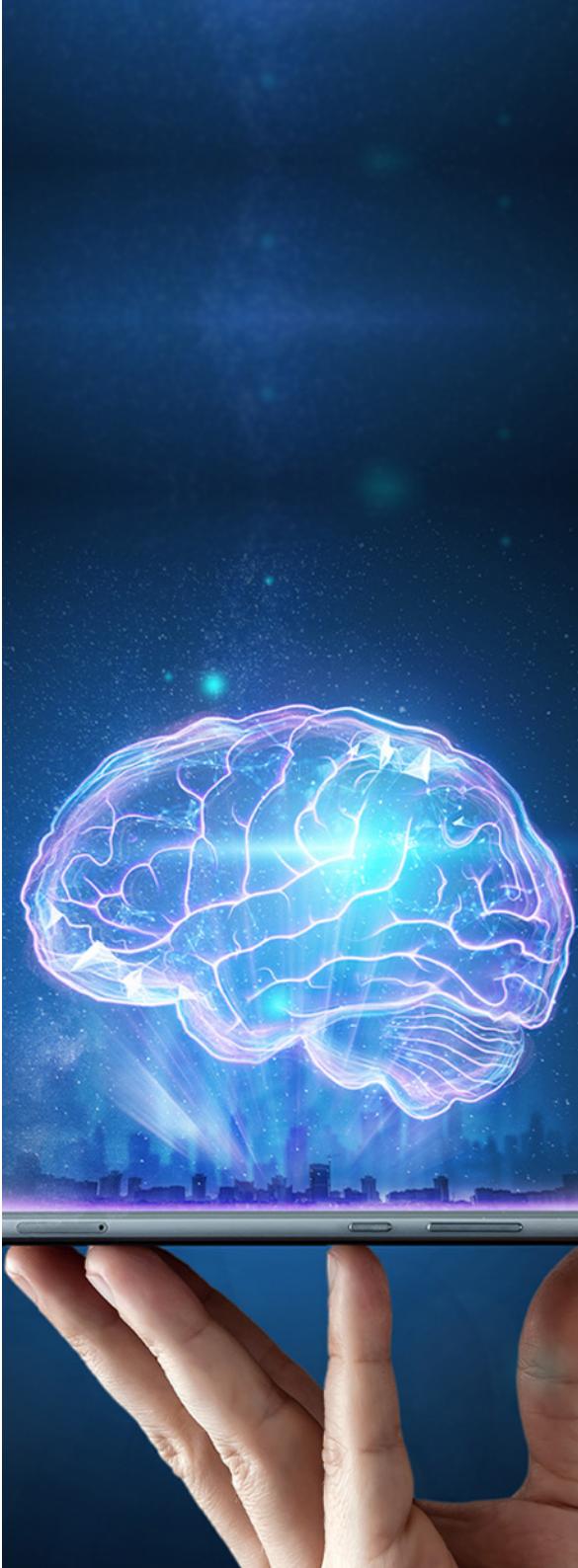


1:1 Personalized Mentorship



3500+ Internship Candidates

The Future is Here.
Learn
Data Analytics
With **WsCube Tech**
to Excel in Your
Career!





Trusted by **2+ Million** Learners

We are the #1 preference of more than 20 lakh learners in India and Asian countries. Our training quality and support system intrigue learners.



Placement **Assistance**

We provide job assistance to help you get hired faster. We work with you to find the right job opportunities based on your skills & preferences.



Completely **Practical-Oriented**

Data Analytics is a skill that requires immense practice. For that, we offer 100% practical training with regular assignments, assessments, and projects.



Hands-on **20+ Projects**

You will work on 20+ real-world projects that are relevant to the industry. This practical training helps you prepare for real-life scenarios and gain exposure.



Data Analytics Certification

We provide you with an industry-recognized certificate. It adds value to your resume and enhances your credibility, making you stand out from the crowd.



Dedicated Doubt Sessions

We understand that every student has unique learning needs. That's why we offer dedicated sessions to clear your doubts, ask queries and get answers.



Interactive Live **Training**

We conduct live training where you interact with experts in real-time and learn from their expertise. Our approach ensures that you get the best learning experience.



Expert **Trainers**

Our trainers have years of experience in the field and are committed to helping you achieve your career goals. We mentor you throughout the course.



Dear Learner,

We know that we are influencing the foundations of your future, and we take this responsibility very seriously. With WsCube Tech, I ensure that you always get top-class training backed by practical projects and future prospects.

As the proud founder of WsCube Tech, I wish you a successful & thriving career.

All the best!

A handwritten signature in black ink, appearing to read "Kushagra".

Kushagra Bhatia
Founder, WsCube Tech



DATA ANALYTICS COURSE SYLLABUS

Based on Latest Industry Standards

Course Curriculum

Part- I: Python Programming

Python Introduction

- What is a programming language?
- Python interpreter
- Python versions
- Advantages of Python language
- Uses & applications of Python in different domains
- Installation of Anaconda
- Different ways to run Python code
- Write your first Python program
- Multiline Print Statement and Comments in Python

Python Variables, Data types, and Operators

- Variables
- Data Types
- User-Input
- Operators

Python Control Statements

- Introduction to Conditional statement
- Types

Introduction to Loops

- Types of Loops
- For Loop
- While Loop
- Loops with a conditional statement
- Infinite Loop
- Nested Loop
- Break and continue statement

Python Strings

- Introduction to strings in Python
- Indexing
- Slicing
- Iteration
- String functions

Python Lists

- Introduction to lists
- Iteration
- Slicing
- List Functions

Python Sets

- Introduction to sets
- Iterations
- Set methods

Python Tuples

- Introduction to tuples
- Iterations
- Function
- Making tuples mutable

Python Dictionary

- Creation of Dictionaries
- Iterations
- Dictionary Functions
- Nested Dictionaries

Functions

- Introduction
- Types
- Parameters
- arguments
- args kwargs recursion

Mini Projects

- 3 Projects on Python

Course Curriculum

Part- II: Data Science Libraries

Data Analysis with Pandas

- Introduction to Jupyter Notebook
- Installing Jupyter Notebook
- How to use Jupyter Notebook?
- Introduction to Pandas
- Installing Pandas
- Pandas Series
- Coding: Pandas Series
- DataFrames I- Working with Columns
- Pandas DataFrames- Working with Rows and Columns
- Pandas DataFrames: Filtering Data
- Coding: Filtering Data
- Reading and Analysing CSV Files with Pandas
- Coding: Reading and Analysing CSV Files
- Reading Excel Files: GroupBy and Other Useful Operations
- Working with Missing Data
- Coding: Working with Missing Data
- Test Your Knowledge: Pandas

NumPy

- Introduction to NumPy
- 1-D Array
- 2-D Array
- Indexing
- slicing
- Concatenating
- Broadcasting
- Statistical functions
- Arithmetic functions

Data Visualization Using Matplotlib

- Introduction to Python Visualization Libraries
- Installing Plotly
- Creating Scatter Plots
- Creating Line Charts
- Line Charts
- Creating Basic Bar Charts
- Creating Grouped and Stacked Bar Charts
- Creating Pie Charts
- Pie Charts
- Creating Histograms

Data Visualization Using Seaborn

- Introduction to Python Visualization Libraries
- Installing Plotly
- Creating Scatter Plots
- Creating Line Charts
- Line Charts

Part- III: Power BI

Power BI

- Introduction to Power BI
- Power BI Dashboard
- Connectors

Table Transformations

- Basic Transformations in Power BI
- Format Tool
- Dealing with text tools
- Dealing with Numerical Tools
- Create a Table Using Power BI
- Dealing with Date and Time
- Pivoting and Unpivoting of data
- Adding Conditional Columns

Course Curriculum

Data-Modelling

- Merge queries and Append queries
- Data model and importance of Data Modeling
- Manage Data Relationships
- Editing a Relationship
- Cardinality and Cross-Filter Direction

DAX-Functions

- Introduction to DAX
- Importance of DAX in Power BI
- DAX Expressions
- Steps to Create Calculated Columns in DAX
- Creation of Measures in Power BI and its types
- Understanding DAX syntax in Power BI
- DAX Functions in Power BI
- Date and Time Functions
- Text Functions Using DAX
- Logical Functions Using DAX
- DAX Operators

Dashboard Creation

- Introduction to Visuals in Power BI
- Visualisation charts in Power BI
 - Filtering Options
- Exploring Matrix Visuals
- Filtering Data with Slicers
- Number Cards and Text Cards
- KPI Visuals
- Modifying Colours in Charts And Visuals
- Visualizing Data with Maps
- Tree Map
- Bookmarks and Buttons
- Custom Power
- Designing for Phone vs Desktop Report Viewers

Artificial Intelligence (AI) Visuals

- Introduction to AI visuals
- Working with AI visuals
- Analyse data with AI visuals

Part- IV: SQL

SQL Basics

- Introduction to SQL
- Installation
- Data Types in MySQL
- Creation of a Database
- Tables
- Insert query
- Select Query
- Delete query
- Update query

Advanced SQL

- Joins in Database
- Functions in Database
- Advance concepts in DataBase



Course Curriculum

Part- V: Advanced Excel

Using Excel for Data Analysis

- Introduction to MS Excel
- Basic Functions of Excel
- Sorting Data
- Filtering Data
- Basics of Formula/Functions
- If Functions and text Functions
- Date & Time Formula
- COUNTIF, COUNTIFS, SUMIF, SUMIFS
- Lookup and Information Functions
- Using Conditional Formatting
- Macros
- Summarising Data with Pivot Tables
- Working with Slicers
- Power Pivot / Power Query
- Charts
- Excel For Data Analytics
- Data Visualization with Excel
- Excel Dashboard



Job/Placement Assistance

Once you complete the Data Analytics Course, you will get placement assistance to get job-ready. We will evaluate your skills, prepare you for the interview, and arrange interviews with top companies.

- **Interview Preparation and Practice**
- **Appealing Resume Building**
- **Conducting Interviews at Various Companies**
- **Projects, Assignments, and Quizzes**

Students We've Trained Work at Renowned Companies,
Startups, and Brands



Our Students Speak for Us!

“The data analytics course by WsCube Tech was an excellent investment in my career. I gained practical skills and knowledge that I have been able to apply to my work every day.”

- **Rahul D.**

“The instructors were incredibly knowledgeable and helpful throughout the data analytics online training. I learned so much and feel much more confident in my data analysis abilities.”

- **Anjali K.**

“I was initially hesitant about taking an online data analysis course, but I’m so glad I did. The instructors made the material easy to understand, and I was able to apply what I learned to real-world problems. I feel much more confident now and would highly recommend the course to anyone looking to improve their abilities.”

- **Vishal R.**

“I have been able to use the skills I learned in the online data analytics course by WsCube Tech to improve processes and decision-making within my organisation. It has been a game changer for me and my team.”

- **Priya S.**

“I’m so glad I decided to join this data analytics training. The instructors were engaging and knowledgeable, and I was able to gain skills that have helped me in my career as a business analyst.”

- **Manoj P.**

“The online data analytics courses were well-organised and engaging. I would highly recommend it to anyone looking to gain practical skills in data analysis.”

- **Tanvi L.**

Industry-Recognized Certification

Become a Certified Data Analyst!



Live Online and
Classroom Training



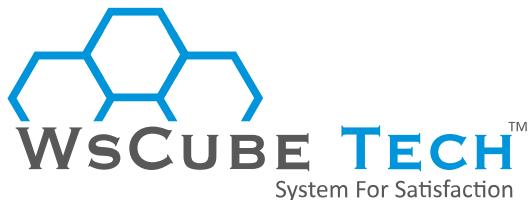
Job Assistance
for Faster Hiring



Internships
for Experience

Culture & Activities at WsCube Tech





Take Your Career's Most Important Step Today

Towards Building a Thriving Career in Data Analytics!

■ **Course Duration:** 3 Months

■ **Fees:** Call us for fee details as we offer varied discounts

Call Now to Book 2-Days of FREE Demo Classes: +91-7878985501

Contacts Us:

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