

# Unlock Your Potential: Data Analyst Training with Ecorporate Trainings

This document provides a comprehensive overview of the upcoming Data Analyst Training Course by Ecorporate Trainings. Designed to empower aspiring and current professionals, the course covers essential tools and techniques for transforming raw data into actionable business insights. Discover how this program can elevate your career in the rapidly evolving world of data.



**Ecorporate Trainings**  
*Transforming learners into leaders.*



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# About Ecorporate Trainings:-

Ecorporate Trainings leading e-learning platform providing live instructor-led interactive online training. We cater to professionals and students across the globe in categories like Big Data & Hadoop, Business Analytics, NoSQL Databases, Java & Mobile Technologies, System Engineering, Project Management and Programming, UI/UX design, DevOps, Cloud, AWS. We have an easy and affordable learning solution that is accessible to millions of learners.

Ecorporate Trainings Masters Program will provide you in-depth knowledge of front-end and back-end, JavaScript, HTML, CSS, NodeJS, Python, AngularJS, MongoDB, SQL ,AI and ML UI/UX Design ,Oracle Database ,DevOps and many more thereby making you an expert full stack web developer. The program provides access to 200+ hours of interactive online learning, 10+ industry-based use cases, skills specific assessments and other resources. There are no prerequisites for enrolment to the Masters Program. It is designed and developed to accommodate diverse professional backgrounds. Our Masters Program recommends the ideal path for becoming a Full Stack Developer ,Analyst ,Database and Oracle expert ,DevOps AWS Master.However, it is learners preference to complete the courses in any order they intend to.

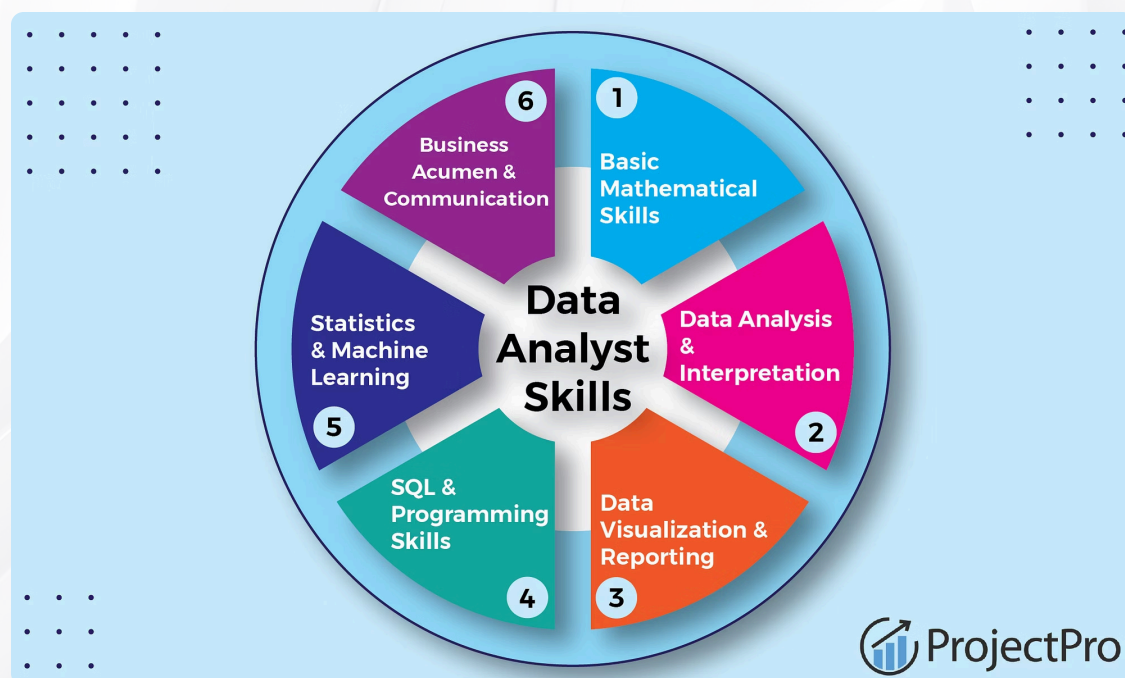




# Welcome to Your Data Journey

Welcome to an exciting opportunity to advance your tech career! In today's data-driven landscape, the ability to interpret and leverage data is no longer just a skill, but a necessity. Ecorporate Trainings is proud to introduce its new **Data Analyst Training Course**, meticulously crafted to equip you with the expertise needed to excel in this high-demand field. Get ready to embark on a transformative learning experience that will redefine your professional trajectory.

Our commitment is to provide a trusted platform for professional growth, ensuring that every participant gains practical, real-world skills that directly translate to business impact. Whether you're aiming for a career transition or looking to enhance your current role, this course is your gateway to becoming a proficient data analyst.



# Course Content

## 1. Python

### 1.1.Introduction to Python

- 1.1.1.Python overview
- 1.1.2.Features of python
- 1.1.3.Introduction to the Python IDLE and development environment.

### 1.2.Introduction Library functions

- 1.2.1.keywords
- 1.2.2.variables
- 1.2.3.Identifier rules

### 1.3.Datatypes

- 1.3.1.Single value datatype
- 1.3.2.Collections
- 1.3.3.Slicing
- 1.3.4.Typecasting
- 1.3.5.Copy operation

### 1.4.Operators

- 1.4.1.Arithmetic
- 1.4.2.Logical
- 1.4.3.Bitwise
- 1.4.4.Realtional
- 1.4.5.Assignment
- 1.4.6.Membership
- 1.4.7.Identity

### 1.5.Input/output statements

### 1.6.Control statements

- 1.6.1.Decisional
- 1.6.2.Looping
- 1.6.3.Intermediate termination

### 1.7.Functions

- 1.7.1.Introduction to functions
- 1.7.2.Types of functions
- 1.7.3.Global and local variables
- 1.7.4.Passing default values
- 1.7.5.Packing and unpacking
- 1.7.6.Recursion

### 1.8.Object-Oriented Programming (OOP)

- 1.8.1.Classes and objects



## 2. Data analytics fundamentals

2.1.SQL

2.2.Data sources

2.3.Data formats

2.4.Data storage techniques

2.5.Data analysis techniques

2.6.EDA

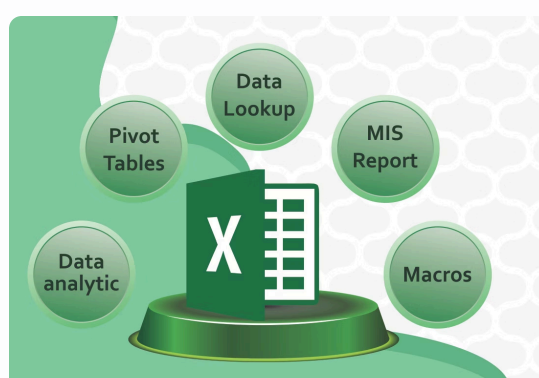
```
53 USE DatabaseName;
54 GO
55
56 CREATE PROCEDURE ProcedureName
57     @FirstName type,
58     @LastName type....
59 AS
60 .....
61 //Your SQL query here
62 Select FirstName, LastName
63 FROM Employee
64 WHERE FirstName = @FirstName AND LastName = @LastName
65 GO
66 USE @ContactCode INT
```

## 3. Tools & Technologies

3.1.Power BI/Tableau

3.2.Plotly

3.3.Adv excel



# Comprehensive Curriculum: Tools and Techniques

Our Data Analyst Training Course offers a robust curriculum, designed to provide a deep understanding of the most critical tools and techniques used in modern data analysis. From foundational spreadsheet mastery to advanced programming, participants will gain hands-on experience across a diverse suite of applications.



## Microsoft Excel

Master advanced formulas, pivot tables, and data validation for efficient data handling and basic analysis.



## SQL Databases

Learn to query, manipulate, and manage large datasets using Structured Query Language (SQL).



## Python Programming

Explore data analysis libraries like Pandas and NumPy for complex data manipulation and statistical analysis.



## Power BI

Develop interactive dashboards and compelling visualisations to present insights effectively.



# From Data to Decisions: Making Business Impact

The core objective of our course extends beyond merely understanding tools; it's about empowering you to transform raw data into actionable business decisions. We focus on the entire data analysis lifecycle, ensuring you can not only clean and process data but also derive meaningful insights and present them persuasively.

Key areas of focus include:

- **Data Visualisation:** Creating clear, impactful charts and graphs.
- **Interpretation:** Understanding what the data truly says about business performance.
- **Presentation Skills:** Communicating complex findings to non-technical stakeholders.
- **Problem Solving:** Applying analytical thinking to real-world business challenges.



Our hands-on approach ensures you gain practical experience in making a tangible difference with data.

# Flexible Learning, Expert Guidance

Ecorporate Trainings understands the demands of modern professional life. That's why our Data Analyst Training Course is structured to offer maximum flexibility without compromising on quality. All sessions are **expert-led** and conducted **online**, allowing you to learn from industry specialists from anywhere, at your own pace.

Our instructors bring years of real-world experience to the virtual classroom, providing valuable insights and practical tips. The interactive online format encourages engagement, questions, and collaborative learning. This blended approach ensures you receive personalised guidance while benefiting from a supportive learning community, all designed to fit seamlessly into your existing schedule.

"The flexibility of Ecorporate Trainings' online sessions allowed me to pursue my career goals without disrupting my work-life balance."

## 7 Essential Data Analyst Skills



SQL and NoSQL



R, Python, and MATLAB



Data Visualization



Microsoft Excel



Critical Thinking



Math and Statistics



Communication



# Who Will Benefit? A Cross-Industry Advantage

The demand for data analytics skills transcends specific industries, making this course invaluable for professionals from diverse backgrounds. Whether you're an aspiring analyst, seeking a career transition, or aiming to enhance your current role, this training is designed for you.

Data analytics is the future, and this course empowers individuals across various departments to harness its power:

## IT Professionals

Enhance your technical skills with data interpretation and visualisation.

## Marketing Specialists

Leverage data to optimise campaigns and understand consumer behaviour.

## Finance Analysts

Improve forecasting, risk assessment, and financial modelling with advanced analytics.

## Operations Managers

Streamline processes and boost efficiency through data-driven insights.





# Analyse, Influence, and Grow with Ecorporate Trainings

The Data Analyst Training Course from Ecorporate Trainings is more than just a programme; it's an investment in your future. We are dedicated to providing you with the skills, knowledge, and confidence to thrive in today's data-centric world.

Get ready to **analyse** complex datasets, **influence** key business decisions, and significantly **grow** your professional career. Join us at Ecorporate Trainings and take the definitive step towards becoming a data leader.

For further details and to register your interest, please visit <https://www.ecorporatetrainings.com/>. We look forward to welcoming you to the course and supporting your journey towards data mastery!



# Certification and Career Advantage

Upon successful completion of the Data Analyst Training Course, you will be awarded an industry-recognised certification from Ecorporate Trainings. This certification is a testament to your acquired expertise and serves as a valuable credential to significantly boost your CV and enhance your career prospects in the competitive tech landscape.


Our certification validates your skills across the crucial areas of Data Analyst, signalling to potential employers that you possess the practical knowledge required for immediate impact. It sets you apart, demonstrating your commitment to professional development and your readiness to tackle complex challenges.



# For more Details & Call to Action..

The highly anticipated Data Analyst Training Course ! This is your prime opportunity to gain high-demand skills and significantly elevate your career. Be among the first to secure your place in this transformative programme.

Stay tuned for detailed information, enrolment procedures, and special early bird offers. We recommend visiting our website regularly and subscribing to our newsletter to receive real-time updates.

 Secure Your Seat Early

Limited spaces will be available to ensure a high-quality learning experience.

**"Decode Data. Deliver Results. Define Your Future." – with Ecorporate Trainings.** Don't miss this opportunity to become a Data Analyst expert. Visit our website and be among the first to enroll!

Visit <https://www.ecorporatetrainings.com/>



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