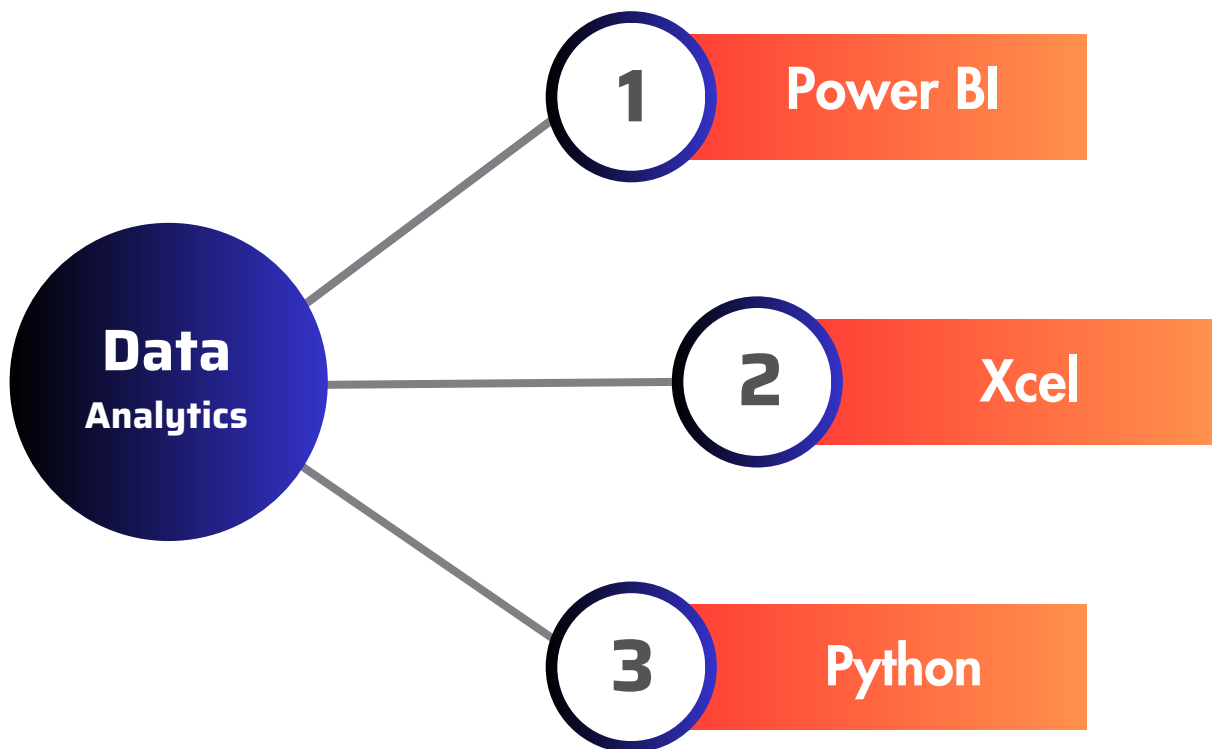




CoderFuel Infotech
PVT. LTD.



THE FUTURE OF TECHNOLOGY STARTS HERE.



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The Future Of Technology Starts Here.

The CFI founded in 2020 by our founders with the Vision to provide the Job oriented actual hands on training to professionals.

The quality of training provided by our mentors and the genuine support provided to our professionals is the main thing that we are now among the best Corporate Institutes in Nagpur.

We're on mission to provide transformational learning outcomes to learners career.

Our Training with Internship Domains

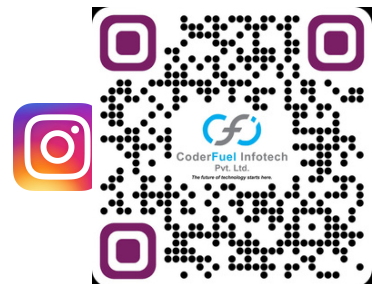
1. Website Designing & Development
2. Android Development
3. Data Analyst
4. Salesforce Development
5. Python Development
6. Full Stack Web Development

WHY CFI IS BETTER?


Professional Syllabus
Learn By Developer
Weekly Assessments
Better Placement


Classroom Training
Corporate Module Training
Mock Interviews

Connect With Us On



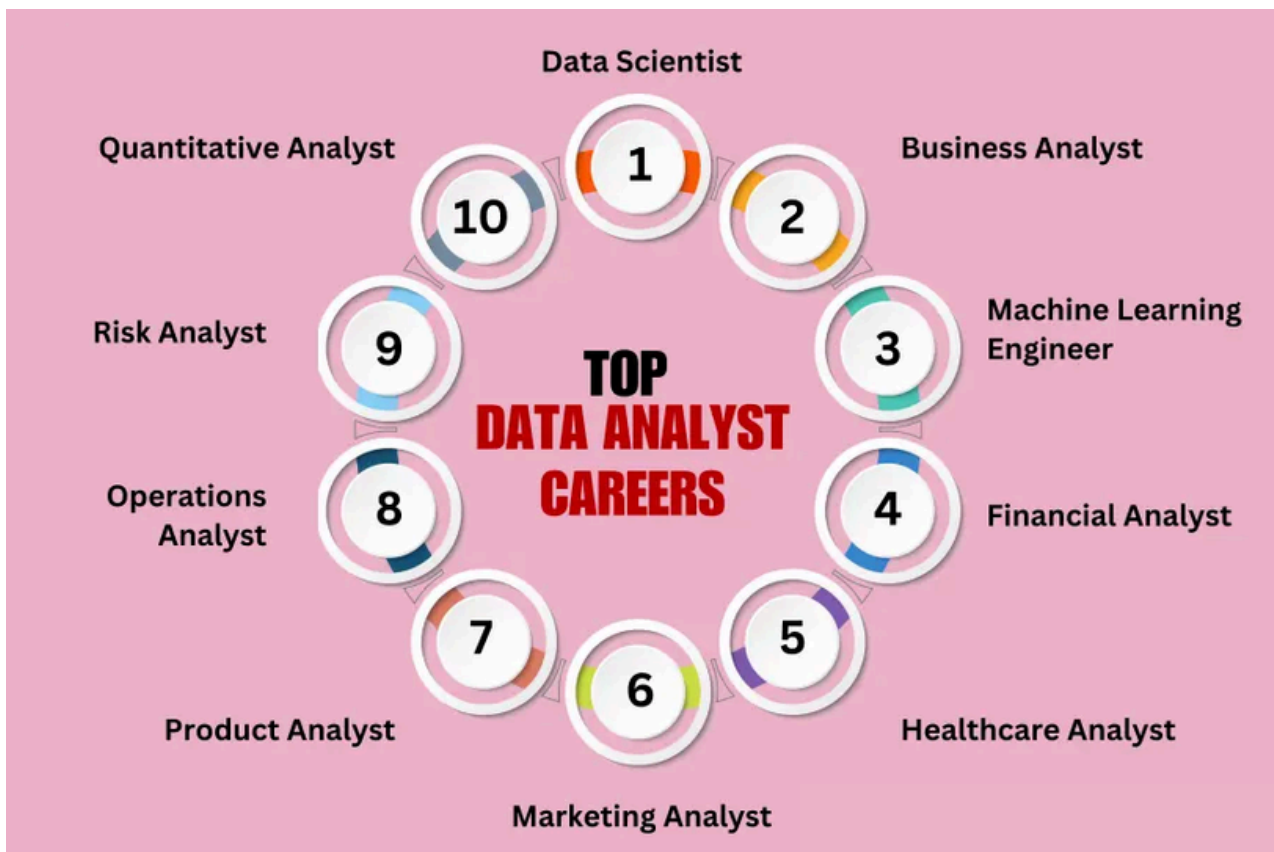
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Career Flow Path

Professional Roadmap



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Data Analytics

Professional Training Module

1. Introduction to SQL and Database Concepts

- Overview of SQL and Relational Databases
- Understanding the role of SQL in data management
- Historical perspective and evolution of SQL
- Key concepts of relational databases
- Exploring popular relational database management systems (RDBMS)

2. SQL Fundamentals

- Introduction to the SELECT statement
- Retrieving data from a single table
- Basic querying of data using SELECT
- Hands-on exercises to reinforce understanding

3. Filtering and Sorting Data

WHERE Clause and Filtering Data

- Using the WHERE clause for filtering data
- Comparison operators and logical operators
- Combining multiple conditions in a WHERE clause
- Practical exercises on filtering data

Sorting and Eliminating Duplicates

- Sorting data using ORDER BY
- Utilizing the DISTINCT keyword for eliminating duplicates
- Exercises on combining filtering, sorting, and duplicate elimination
- Best practices for writing efficient queries



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4. Joining Tables

Inner Joins and Outer Joins

- Exception handling.
- File handling.
- Decorators and generators.

Aliasing, Multiple Tables, and NULL Values

- NumPy and pandas.
- Introduction to NumPy for numerical computing.
- Data manipulation and analysis with pandas.

5. Aggregating Data

GROUP BY and Aggregate Functions

- Introduction to the GROUP BY clause for grouping data
- Exploring aggregate functions: COUNT, SUM, AVG, MIN, MAX
- HAVING clause for filtering grouped data
- Practical exercises on aggregating and summarizing data

6. Subqueries and Advanced Querying

Subqueries and Advanced Techniques

- Understanding subqueries and their types
- Correlated subqueries and their applications
- Introduction to Common Table Expressions (CTEs)
- Exploring advanced querying techniques and best practices



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7. Assessment and Project

Practical Exercises and Assignments

- Exception handling.
- File handling.
- Decorators and generators.

Mid-term Project

- Planning and designing a relational database
- Implementing the database using SQL
- Basic data population and querying

Final Project : Complex SQL Queries and Optimization

- Analyzing and optimizing a provided database schema
- Developing complex SQL queries based on real-world scenarios
- Performance optimization techniques and best practices

Final Exam

- Comprehensive test covering all topics
- Practical problem-solving using SQL



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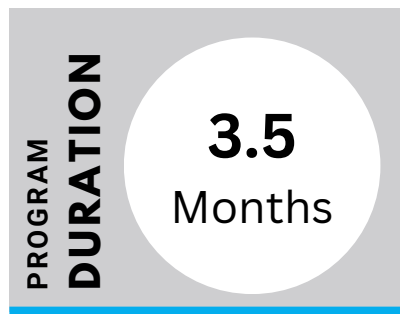
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CFI PROGRAM
ADD ON

- Soft Skills Training
- Resume/CV Writing
- Interview Grooming
- Mock Interviews
- LinkedIn Guidance
- 1:1 Interaction

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