ArivuPro SKILLS

DATA ANALYTICS
USING PYTHON
AND SQL

Transform data into insights with expert skills in Python & SQL

LIVE ONLINE CLASS

OFFLINE CLASS

RECORDED CLASS

100% GUARANTEED INTERNSHIP

FOR MORE INFO

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About Us

ArivuPro is an Ed-tech company initiated by a team of professionals in 2015 and an Academy was established in Bangalore, in the year 2017. It offers services for a wide variety of professional courses and skill development training programs. We have collaborated with various institutions pan India to provide integrated courses

Build a ecosystem where skills meet opportunities

VISION

MISSION

To foster a culture of continuous learning and personal growth, empowering individuals to adapt to evolving industries and technological advancements.

2015	2017	2019	2021	2022	2023
Incorporated	ArivuPro Academy Started in Bangalore	Arivu Learning App Launched	NSDC Training Partner Deemed Ready	Tied-up with 25+ Colleges for Various Courses	Skill-focused course launched with academia-corporate partnership.

What is Data Analytics Using Python and SQL

Data Analytics Using Python and SQL teaches you to use SQL for data extraction and Python for data cleaning, analysis, and visualization. You'll learn to manage large datasets, perform statistical analysis, and create insightful visualizations. This course equips you with crucial skills for effective data-driven decision-making.

What you will learn?

SQL Basics

Data Cleaning

Data Analysis with Python

Data Visualization

Statistical Analysis

Data Manipulation

Why Data Analytics Using Python & SQL ?

In-Demand Skills
Acquire essential skills in Python and SQL, which are highly sought after in the data analytics field.

Enhanced Problem-Solving
Learn to analyze and interpret complex datasets, improving your ability to make data-driven decisions.

Career Advancement
Open doors to various roles in data science, analytics, and business intelligence with practical, hands-on experience.

Increased Job Opportunities
Stand out in a competitive job market with expertise in two key tools used for data analysis.

Higher Earning Potential
Gain qualifications that can lead to higher-paying positions in tech and finance sectors.

Effective Data Visualization
Develop the ability to present data insights clearly and persuasively through visualization techniques.

Strategic Insight
Enhance your ability to contribute to strategic planning and decision-making processes within organizations.

ArivuPro SKILLS

Way to SUCCESS

Start

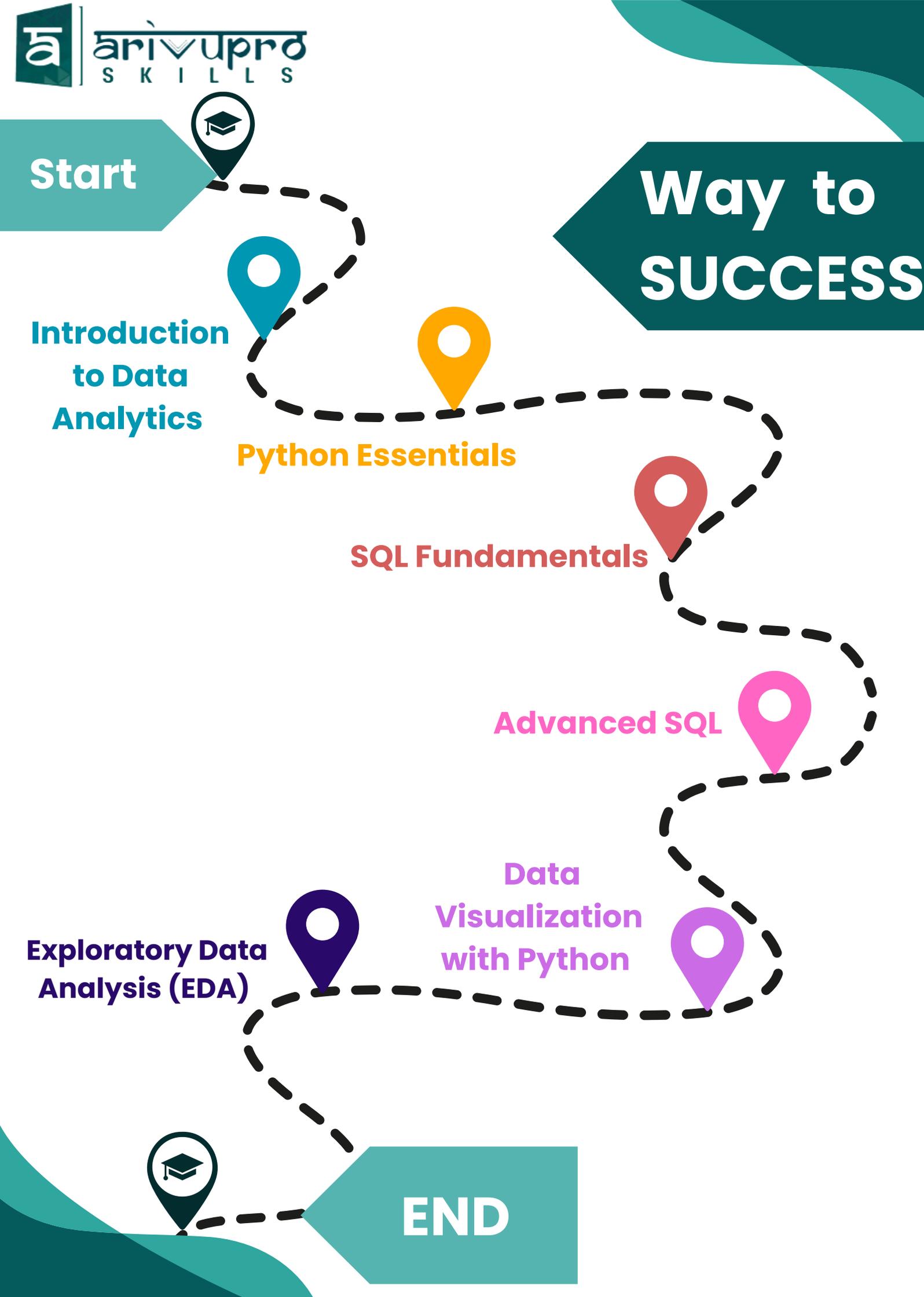Introduction to Data Analytics

Python Essentials

SQL Fundamentals

Advanced SQL

Data Visualization with Python

Exploratory Data Analysis (EDA)

END

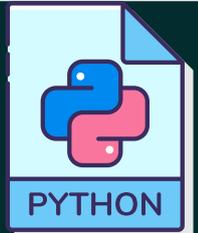# Course Syllabus

Learning Path 1 :
Introduction to Data Analytics

- **Overview of Data Analytics.**
- **Understand the significance of Python and SQL.**
- **Role of Python for data manipulation and analysis, as well as SQL's.**
- **Importance for querying and managing databases.**

Learning Path 2 :
Python Essentials

- **Basics of Python programming necessary for data analytics.**
- **Fundamental concepts such as data types, variables, and control flow statements.**
- **Data manipulation tasks like loading datasets, cleaning data, and performing basic transformations.**

Learning Path 3:
SQL Fundamentals

- Introduced to Structured Query Language (SQL) and its role in data analytics.
- Learning how to write simple SQL queries to retrieve data from databases.
- Topics include SELECT statements, filtering and sorting data, and basic aggregation functions.

Learning Path 4 :
Advanced SQL

- Building upon your foundational SQL knowledge, this module delves into more advanced SQL techniques.
- You'll learn about subqueries and Common Table Expressions (CTEs) for writing complex queries.
- Additionally, you'll explore window functions for performing advanced analytical operations.

Learning Path 5:
Data Visualization with Python

- Data visualization is a crucial aspect of data analytics, enabling you to communicate insights effectively.

- You'll learn how to generate various types of plots and customize them to convey your data effectively.

Learning Path 6 :
Exploratory Data Analysis (EDA)

- You'll learn statistical techniques to summarize data and perform univariate and bivariate analysis.

- EDA helps in understanding the underlying patterns and relationships within the data, laying the foundation for further analysis.

Testimonials

SURESHH JEGADEESH

Hats off to arivupro academy to provide quality on education and technical skills 👏

★★★★★

OLEENA SHAHARBANU

Thanks to the whole team for providing such quality education and other sessions to enhance skills

★★★★★

KOKILAVANI M

"Great workshop! The instructor was knowledgeable and made complex topics easy to understand with practical examples."

★★★★★

JAYA SABARI

Excellent

★★★★★

AMMU DIWAKAR

Friendly faculty....
amazing arivu

★★★★★

SUBASH JEGADEESH

Good experience with you sir thanks for providing your experience

★★★★★

MANOJ GOWDA

I will create interactive dashboards for my team and improve our reporting process. Great course keep up the good work 👍

★★★★★

SREE NITHI

The workshop was very good and productive

★★★★★

DIVAKAR SAMSANI

The new course(Advanced excel & Power BI) provided by the academy is so informative practical and helpful for corporate entry. Our faculty Moulieswaran sir has trained us very well with the course and clarified all doubts we had.

★★★★★

Gallery

arivupro SKILLS

Skills Refined, Success Defined

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4. 8 + Ratings

Learn anywhere, anytime and at anypace