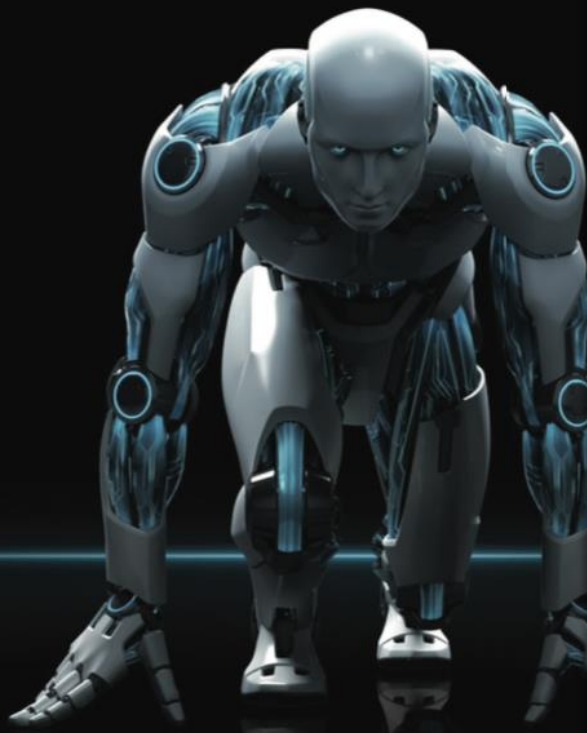


# LEARN FROM THE BEST

PREPARING YOU FOR TOMORROW

Position yourself for the future by aligning your abilities towards your goals. Explore new opportunities in IT and ride the wave of Data Science, AI, Full Stack and beyond.



## Data Analytics

Generate insights from the data through analysis and visualization



## Data Science

Data analysis and Statistical modelling to extract insights from the data



## Artificial Intelligence

Building intelligence to machines to imitate & surpass human intelligence



## AWS/AZURE DevOps

Learn tools to manage system development life cycle for efficiency.



## Full Stack Developer

Building web and mobile applications using languages, tools and frameworks

**CEDEARN**

Hybrid Learning  
Project-Based Approach  
Certified Programs

## About Us

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We are tech-savvy and professional. Our courses are designed by industry experts along with academicians to ensure all-around competency building, irrespective of the learner's background.

Our promoters are business leaders, entrepreneurs, AI advisory board members, and investors with up-close and personal working experience with the latest technologies.

Our trainers are handpicked from industry and academics to find the right balance between knowledge and skills. Our innovative Knowledge-Skill teaching methodology talks volumes about our expertise.

### **ENGAGE | APPLY | EXCEL**

Engaged learning is the key to mastering any topic. Our pedagogy enhances engagement in learning through knowledge-skill combination so that the learner would display competencies and excel in the aspired career.

CEDLEARN is a brainchild of technocrats to address the dire shortage encountered in identifying the right talent with real-time project experience. We are aware of the market demand and will train you to be a leader.

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# OUR USP FOR YOUR SUCCESS

**Knowledge-Skill** Pedagogy for engaged learning, irrespective of current academic and work backgrounds.

**Project-Based** approach for hands-on experience that could be carried beyond classroom and into the career.

**Industry driven** course content to match the needs of the market and equip your competencies.



**Real projects** for real-life all round experience beyond technical skills meeting stringent project demands.

**Certificate programs** to enhance your profile that helps you in standing apart from the generic market competition.



**Certificate Programs** to improve your profile and career growth.



**Interview Preparation** as part of the course for better preparation.



**Research Driven** and practical oriented teaching and engagement.



**Workgroup membership** for showcasing your learning & networking, off the course.

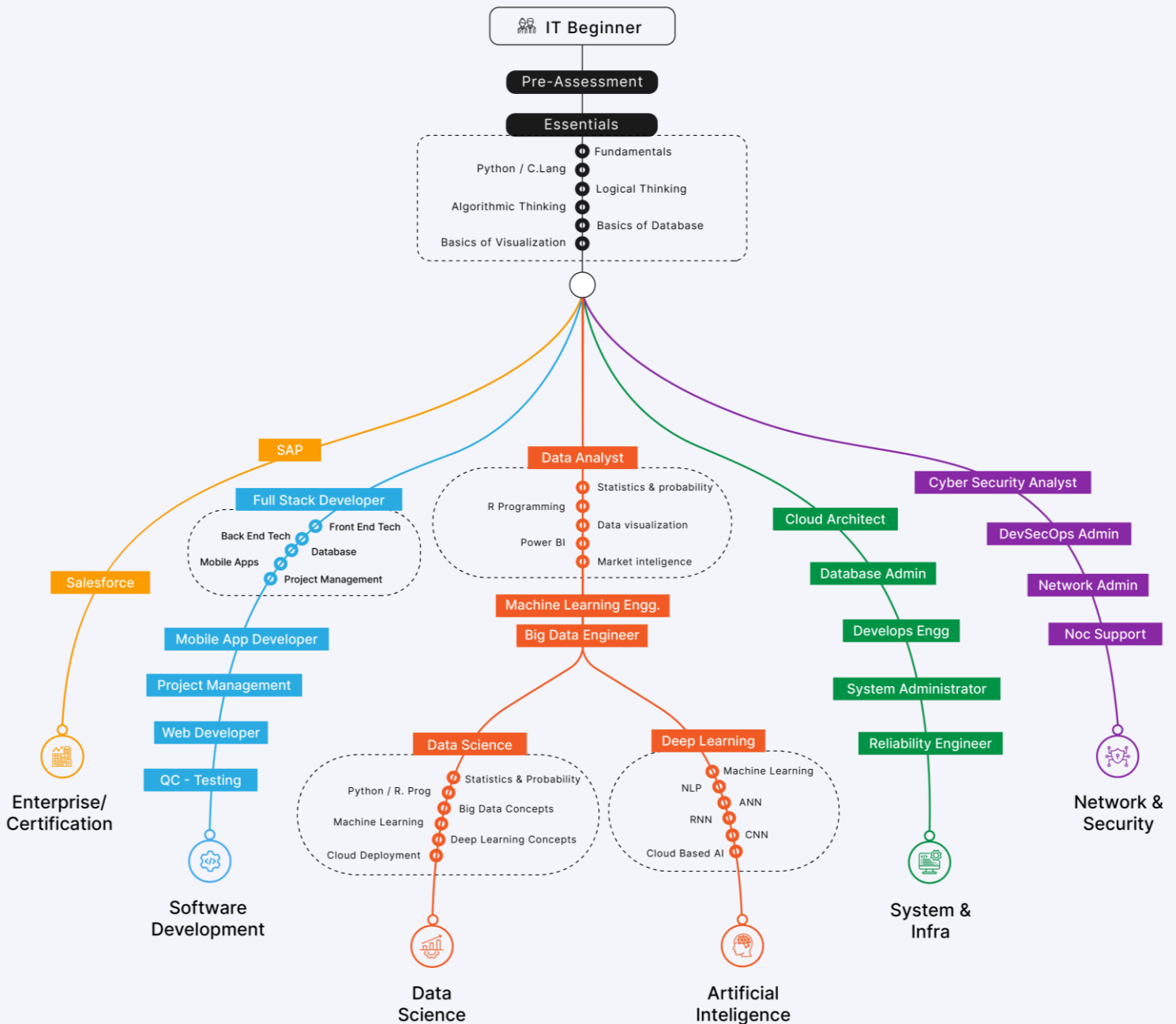
# Drafting Career Paths

“If you can't teach it to a 6-year old, you don't understand it yourself.”

- ALBERT EINSTEIN

We can...  
and structured it well for you

Tree Structure to  
plan your IT career path



We have simplified the learning curve – AI is an umbrella term that encapsulates all the upcoming technologies opening unlimited opportunities in every field of business. Enabling learners to focus on their aspired careers taking advantage of this opportunity.

**Request for free Career Mapping**



# PYTHON WITH WEB FRAMEWORK

Includes Flask / Django

Duration :: 8 Weeks | 24 Sessions. | 2 Projects + 1 Deployment

Mode :: SHORT | LONG | Online / Offline

No doubt Python is a versatile and powerful programming language. Be it development or machine learning Python is the popular language among many developers. Coupled with Web Development Frameworks such as Flask or Django there are unlimited opportunities for the students and professionals to be cross-platform web application developers.

## Python + Flask / Django + Database

### Course Details:

PYTHON LANGUAGE	WEB FRAMEWORK
<ul style="list-style-type: none"><li>● <b>Getting Started with Python</b> Fundamentals; Syntax; Keywords; Comments; Variables; Input / Output Operations; Data Types</li><li>● <b>Data Types, Sequences &amp; Operators</b> Data types; Strings; List; Tuples; Set; Dictionary; Various Operators</li><li>● <b>Conditional Statements</b> if statement; if-else; Nested if</li><li>● <b>Control Loops</b> For; While; Nested Loops; Range; Break</li><li>● <b>Advanced Python - Functions</b> Default; User-defined; Lambda; Nested; Recursion; Decorators; Iterators; Map; Filter</li><li>● <b>Object Oriented Programming</b> Classes; Objects; Principles; Encapsulation; Docstrings &amp; Constructor</li><li>● <b>Error &amp; Exception Handling</b> Errors; Assertions; Exception Handling; User-defined exceptions</li></ul>	<ul style="list-style-type: none"><li>● <b>Database Concepts</b> MySQL Basics, Queries; CRUD operations; MySQL DB; Connection with Frameworks;</li><li>● <b>Flask Framework</b> Overview; Environment; Features; Creating Application; Views; Dynamic Routing; Errors &amp; Debugging; Flask Template Engine (Jinja2); Layouts; Static Templates; Static Files; Form Handling; HTTP Verbs; Sessions Handling, Flashing, Navigator Bar, Hosting Options</li><li>● <b>Django Framework</b> Environment Overview; Features; Project Structures; App Structures; Views and Config URLs; Template System; Static files; Models; Migration; Model forms; File upload; Mail System; Session Management; User authentication; Model views &amp; inheritance; Query sets &amp; Filters; Middleware</li><li>● <b>Projects</b> 2 Real-time Projects</li></ul>

This course has been specifically designed to train professionals to learn Python and its web framework to turn themselves into web application developers. Out of all the available Python Frameworks, Flask and Django are proven to be popular. Students have the opportunity to pick any one of these two and work their way towards deploying the web applications in a real-time environment.

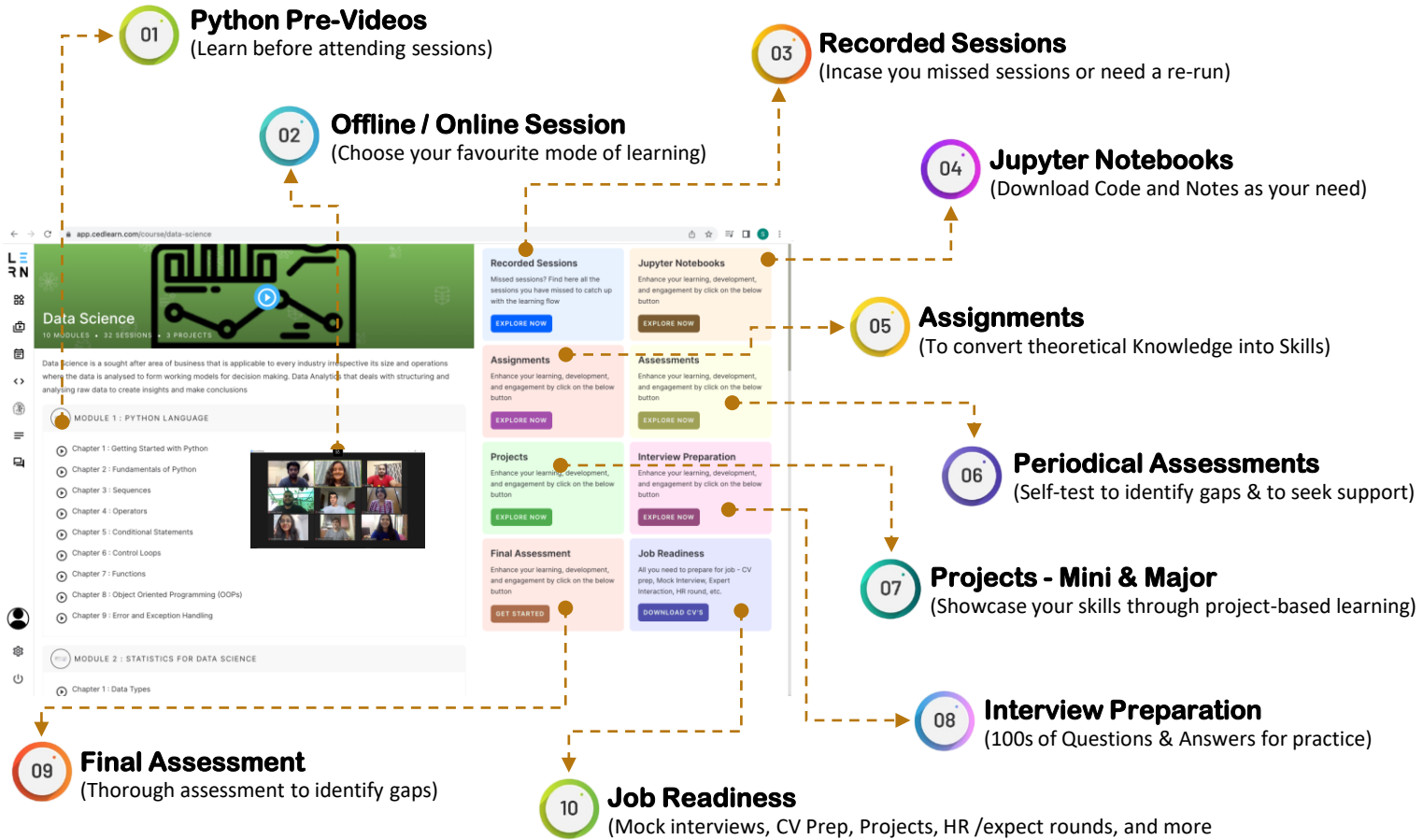


### Job Readiness

- Profile Building – Employability Index
- Interview F.A.Qs
- Mock Interview

# Learning Supporting Dashboard

Supporting the student's learning path through carefully drafted **10-step approach** for success.

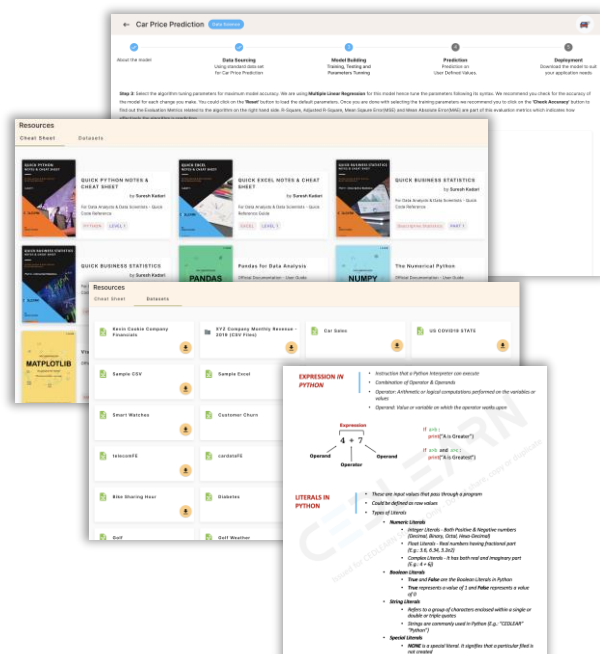


## Resources Section

To support your learning we have designed and developed resources section where you could find Cheat Sheets, Datasets for practice and more. You could also visit our Data Analytics and Data Science project page to understand the 5-step approach in solving a problems statement.

Students are encourage to take up various projects and showcase their learning to improve their skill. We believe in Project-based learning which is the core principal of our teaching methodology.

Seeing in believing. Explore Resources and Projects section to rate us.



# IN DEMAND COURSES

We have simplified the learning curve – AI is an umbrella term that encapsulates all the upcoming technologies opening unlimited opportunities in every field of business. Enabling learners to focus on their aspired careers taking advantage of this opportunity. Enabling learners to focus on their aspired careers



DA

14 Weeks  
40 Sessions  
4 Projects

Business Analyst

Statistics | Reporting | BI | Data Tech

Business Statistics, Data Visualization, Report Generation, Power BI, Tableau, Advanced Excel, Business Intelligence, Client Analytics, Time-Series, ...

DA

16 Weeks  
44 Sessions  
5 Projects

Data Analyst

Statistics | E.D.A | Power BI | Python

Statistical Analysis, Visualization for BI & Reporting, Advanced Excel, Power BI/Tableau, MySQL, Jupyter Notes, Python basics, Regression Techniques, ...

DS

20 Weeks  
60 Sessions  
4 Projects

Data Science

Statistics | Data Analytics | Machine Learning

Statistical analysis, Visualization & reporting, Data Analytics, Machine Learning, Intro to Deep Learning, MYSQL concepts, Power BI/Tableau, ...

ML

12 Weeks  
30 Sessions  
5 Projects

Machine Learning

Statistical Analysis | Python | Algorithms

Includes Python, Machine Learning and Deep Learning Concepts. Statistical modelling, Python libraries (Pandas, NumPy, Matplotlib, etc), MySQL

AI

14 Weeks  
42 Sessions  
3 Projects

Artificial Intelligence

Machine Learning | Neural Networks

Advanced deep learning concepts to create models that imitative human intelligence to solve business problems.

BI

4 Weeks  
20 Sessions  
3 Projects

Power BI with Tableau & SQL

Power BI | Tableau | SQL

Glimpse of Power BI, Power Query - ETL, Power Pivot - Data Model, Power View, Power BI Services, Intro to tableau, Dashboarding, SQL Basics

FS

24 Weeks  
72 Sessions  
4 Projects

Full-Stack Developer

Front-End | Back-End | Cloud Computing

Fundamentals, Java Script Frameworks, Database, Backend. MySQL, AngularJS, React, NodeJS, TypeScript, GitHub, Cloud deployment and Project

PL

4 Weeks  
12 Sessions  
4 Project

Python Programming Language

Programmer | Developer | Data Science

Includes Basic Python, Advanced Python concepts, Functions, OOPS, Error & Exception Handling, Web Scraping and Introduction to ML, Projects

PW

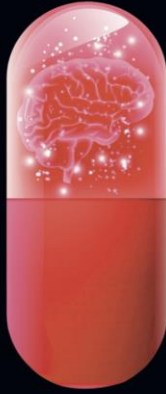
8 Weeks  
24 Sessions  
2 Projects

Python with Web Framework

Web Application | Games | Developer

Python with Flask / Django, Basic & Advanced Python concepts, Flask and Django Framework. Tools/Programs, Database concepts, Projects

*Job Assurance and Job Guarantee Programs*  
*Pre & Post, Module-Level Assessments*



*“This is your last chance. After this, there is no turning back... You take the red pill—you stay in Wonderland, and I will show you how deep the rabbit hole goes.*

*Remember: All I'm offering is the truth. Nothing more.”*

*– Morpheus of **MATRIX***

Our Suggestion – Take the **RED** pill of Artificial Learning



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Hyderabad | Bangalore | Delhi | Chennai | Kochi