



UG/PG Program in

Data Analytics & Machine Learning

7 Months Advance Program for Working Professionals and Fresh Graduates

www.codearchivelearning.com



500+

Hiring Companies

100%

Guaranteed Placement

280+Hrs

Practical Learning



Hands-On Learning:

The program covers practical learning with projects case studies, experience in building web applications from scratch.



Placement Assistance:

We offers strong placement support with industry connections with the Refund guaranteed program



Flexible Learning:

Codeactive Offers the training in both online and classroom formats with blended learning modules.



In-depth Curriculum

With the 80-20 approach The course covers front-end and back-end development. Students gain a deep understanding of the full development



Career Support:

Codeactive provides career services such as resume writing, profile building, interview preparation, and access to coding competitions to enhance employability.



Soft Skills Development:

The program also includes modules on soft skills such as problem-solving, analytical skills, helping students become well-rounded professionals.

What Can You Become

System Analyst

Operation Analyst

Data Analyst

Tableau Developer

Powerbi Developer

Data Engineer

Technical Associate

ML Engineer

SQL Developer



Program Pedagogy



Industry Expert

Get trained from 15+ years of experience faculty



Self Learning Videos

If you missed any lectures, we will help you through live recorded lectures



Project and Assignment

Grow your portfolio & work on real word projects

Top Hiring Companies

		 Actionable Insights • Accurate Decisions		 Forward Thinking
	 INSIGHT DRIVES INNOVATION			



Abhishekh Mishra

Placed At



Python Developer



Harsh Mahajan

Placed At



Business Analyst



Nilesh Shinde

Placed At



SDE 1



Mihir Prasad

Placed At



Software Developer



Rupali Koku

Placed At



Jr. Data Analyst



Sneha Daksha

Placed At



Jr. AI Engineer



Sanjay Raut

Placed At



Powerbi Developer



Swarali Godbole

Placed At



Data Science Intern

2,00,000 Job Opportunities

According to linkedin 60% companies are looking for a Data Analyst.



Tableau

Introduction to Tableau

- Data visualization
- History of visualization
- Download and install the tool
- Introduce the Interface and chart types

Mapping, Calculations and Dashboard

Data organization

Filters in tableau

Create a charts, table, and graphs

- Bar charts
- Stacked bar charts
- Tree mapping
- Scatter plot
- Bubble charts
- Dual axis charts
- Funnel Charts
- Map layering

Data Sources and Data Preparation

- Server optimization
- Basic types of connection
- Pivot
- Data interpreter
- Data transformation
- Design multiple tables

Dashboard with sharing

- Dashboard for mobile work
- Working with layout
- Interactive and actionable dashboard

Advance visualizations and calculation with tableau

- Create a parameters
- Calculations and column selection
- Tooltip visualization & Bullet Charts

Power BI:

Introduction to PowerBI

- PBI Installation
- Key features
- Create a dashboards

Use of natural language

Manage data

Power Query

- Data transformation
- M language
- DAX function

Layout of data visualization

Integration with other Tools

- Integration with excel
- Embedding the reports In website

Understand the charts and Table for answerable questions

Understand the shape to design for presentation

Pivot table

Share the dashboard and reports

SQL

- Introduction to SQL
- Basics of SQL
- DDL, DML, DQL statements
- Learn and sort the data
- Restore and backup
- Selection of commands:
Filtering, Ordering

- Control use access
- Manipulate Large data
- Aggregate commands
- Group by commands
- Conditional statements
- Joins

Advance Excel

Introduction to Excel

- Import data
- Introduction to business analysis

Analyzing data with pivot table

- Creating a custom pivot table
- Analyze the data and trend
- Formatting in Excel

Formulas

- IF statements
- Nested IF statements

Data validation

Data analysis using statistics

Advance charting Techniques

- Creating dynamic charts using data validation
- Scroll bars and form control
- Radar charts

R Tool

Introduction to R programming

- History and basic information
- Installing the tool
- Introduction Rstudio

Basics of R Programming

- Variables, vectors and control structure
- Writing and using functions
- Introduction to R packages

Data manipulation and analysis

- Reading and writing the data in different formats
- Handling missing data
- Transformation and reshape

Statistical Analysis with R

- Hypothesis testing: T teste, Anova
- Regression Analysis:
Lenear regression, Logistic regression

R Tool

Machine learning with R

- o Introduction to machine learning
- o Types of algorithms
- o Classification and regression algorithm

Text analysis with R

- o Text Data Preprocessing in R
- o Text Classification in R
- o Sentiment Analysis in R
- o Word Embeddings in R (Word2Vec, GloVe)

Controls of Git and GitHub to Excel

- o Introduction to Git
- o Cloning repositories

Supervised learning

- o Linear Regression in R
- o Logistic Regression in R
- o Decision Trees and Random Forests in R
- o Support Vector Machines (SVM) in R
- o k-Nearest Neighbors (KNN) in R

Unsupervised learning

- o Clustering with K-Means and Hierarchical Clustering in R
- o Principal Component Analysis (PCA) in R
- o Association Rule Mining in R (Apriori)
- o Anomaly Detection in R

Big data analytics with R

- o Integration with Spark and Hadoop
- o Handling large datasets

R Tool

Introduction to python for Data analysis

- o Overview of Python and Jupyter Notebook
- o Python Basics: Variables, Data Types, Operators
- o Control Flow: Loops and Conditional Statements
- o Functions and Libraries in Python
- o Data Import and Export in Python

Natural Language Processing (NLP) with Python (Optional)

- o Text Data Preprocessing
- o Sentiment Analysis with Python

Data Manipulation with Python

- o Introduction to Pandas Library
- o Data Structures in Pandas: Series, DataFrame
- o Data Cleaning and Preprocessing with Pandas
- o Data Transformation and Reshaping with Pandas
- o Handling Missing Data

Exploratory Data Analysis (EDA) with Python

- o Data Visualization for EDA
- o Correlation Analysis
- o Outlier Detection and Treatment

Tools and Technologies



Projects

Fraud Detection



Consider using ensemble methods like stacking, combining multiple models (e.g., Random Forest, SVM) to improve fraud detection accuracy. Also, explore anomaly detection techniques within unsupervised learning.

Stock Market Analysis



Develop a stock price prediction model utilizing machine learning, emphasizing algorithmic analysis of prevailing market trends through methods like Linear Regression and k-Nearest Neighbors.

Loan Approval Prediction



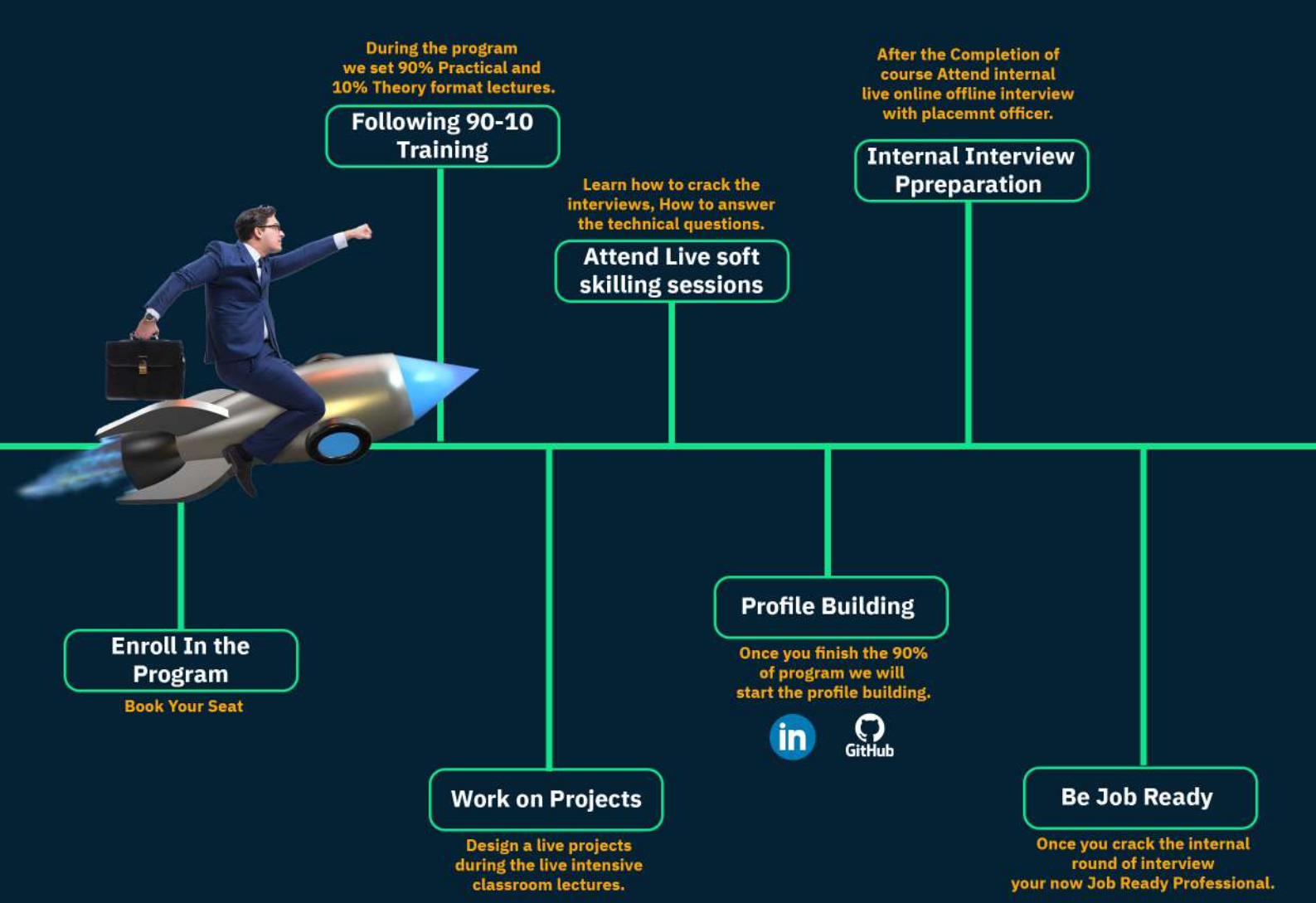
Employing Logistic Regression, Decision Tree, and Random Forest, this project focuses on determining the approval likelihood of applied loans by identifying variables correlated with influential factors. The goal is to predict loan approval based on a comprehensive analysis.

Climate Change Prediction



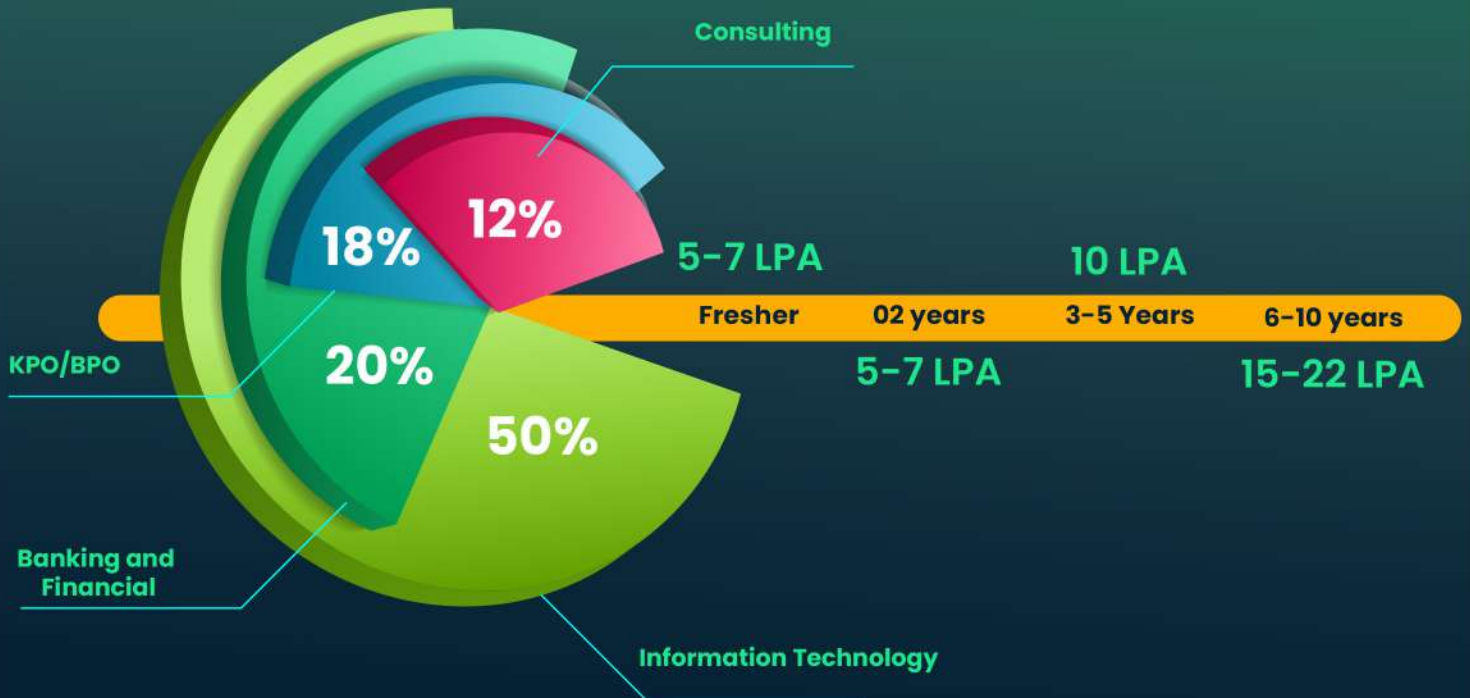
The curriculum combines climate science fundamentals with data analytics, empowering you to translate complex datasets into actionable insights for climate mitigation and adaptation strategies.

& Many More



Industry

Future Upscaling According to



All about Codeachive



Let's hear from our Students



-Abheesh Puthran
Full Stack Development

I entered the class with minimum amount of knowledge of coding and all, but the staff was so helpful that they thought me each and every part of coding with clearing the silly and very minute doubts that I had while coding practice session. The team was also helpful and kind. Rahul sir also supported me and guided me where ever possible. I would recommend my friends to join the class for the same if they are interested in coding, data science, etc.



-Mihir Prasad
Full Stack Development
Placed At 

Joining the Full Stack Development program was one of the best decisions I made for my career. The course was well-structured, covering both front-end and back-end technologies comprehensively. The trainers were always available to help, providing practical insights that went beyond just theoretical knowledge. They made coding fun and engaging, even for someone like me who was new to it.



-Latika Dube
Data Analytics With ML
Placed At 

The Data Analytics with ML at Codeactive Learning exceeded my expectations. The course content was robust, and the instructors took the time to explain every detail clearly, making even the most complex concepts feel manageable. The personalized attention and the focus on practical learning helped me build strong foundational skills in data science.



-Rupali Koku
Data Analytics With ML
Placed At 

I took the Advanced Data Analytics with Machine Learning Techniques course to deepen my knowledge, and it was the best learning experience I've had so far. The instructors were exceptional, providing real-world insights and ensuring we understood every algorithm and its application. The practical assignments were challenging but rewarding, pushing me to think critically. I'm grateful for the experience and would encourage others to join if they want to master machine learning."



-Harsh Mahajan
Data Science Bootcamp
Placed At 

I joined the Data Science program with limited coding skills, and I was amazed by how effectively the instructors bridged that gap. The curriculum was well-structured, focusing on building a strong foundation in Python and data science concepts. The live coding sessions were incredibly engaging, and the mentors were always ready to clarify doubts, no matter how small. Thank you.

Services



Industry connect
curriculum



End to end Career
Assistance



Smart
Classroom



100% Placement
Service

Program Fees

One Time Payment

45,000/-

EMI Options

15,000/- Registration Amount

NO Cost EMI

5 Months EMI

Per Month **6,000/-**

Contact Us

91+ 9987949344

Career@codeachivelearning.com

www.codeachivelearning.com

Codeachive Learning

Office no: A/110, 1st Floor, Sai Arcade CHS, Phadke
Road, Near, Ganesh Mandir Road, opposite to
Lenskart Showroom, Dombivli East, Maharashtra
421201

Take the **First Step**
Towards Your Dream

www.codeachivelearning.com





CODEARCHIVE
LEARNING

Office no: A/110, 1st Floor, Sai Arcade CHS,
Phadke Road, Near, Ganesh Mandir Road, opposite to
Lenskart Showroom, Dombivli East, Maharashtra 421201



Career@codearchivelearning.com



+91 9987949344

Get A Recent Update On

