IT Creators
MAKE IT UNIQUE

Unlock infinite strength in DATA SCIENCE

your path to mastery begins here !

www.theitcretor.com

Data Science
Course Mission

IT Creators Institute leads the way in providing cutting-edge IT Training and Skill Development across India. We have strived to establish an ideal learning atmosphere at all our training centers.
We prepare our students to become dependable future professionals. Our institute aspires to promote universal access to learning for students.To achieve our mission of promoting better learning we invite all students to enroll in our Data Science, data analytics. Join us today to make a fulfilling career in the Development sector.

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IT CREATORS PRESENTS

DATA SCIENCE ROADMAP!

MOVE ON TO FIND OUT . . .

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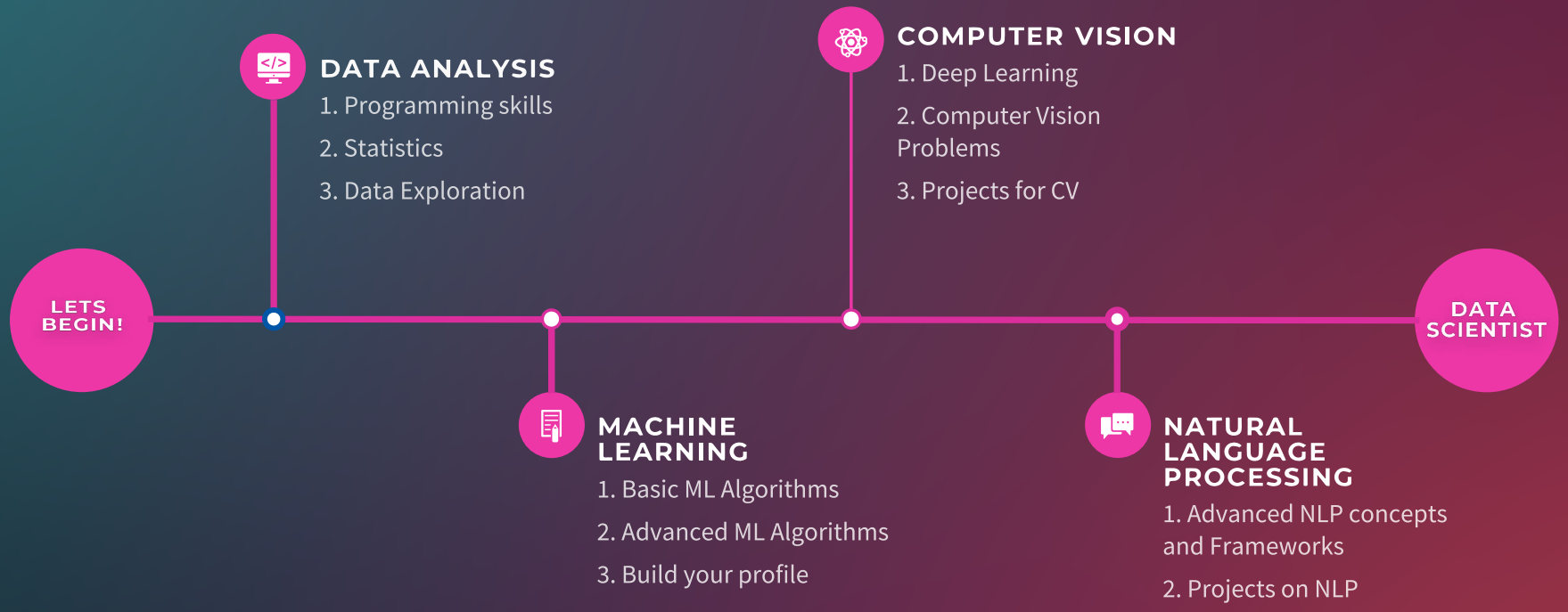

Milestones in your Data Science Journey . . .

PROGRAMMING SKILLS

WHICH PROGRAMMING LANGUAGE SHOULD I START WITH?

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PROGRAMMING SKILLS

WHICH PROGRAMMING LANGUAGE SHOULD I START WITH?

PYTHON IS THE SIMPLEST LANGUAGE TO START YOUR JOURNEY WITH!

**Start getting acquainted with the Python programming language.*
** Familiarize yourself with Python libraries for Data Science*
** Practice, Practice, Practice!*

STATISTICS AND DATA EXPLORATION

DO I NEED STATISTICS FOR DATA SCIENCE?

BASIC KNOWLEDGE OF STATISTICS IS NECESSARY TO UNDERSTAND DATA!

* Cover the basics of Statistics including descriptive and inferential statistics.
* Learn to perform Exploratory Data Analysis (Univariate and Bivariate) with Python.
* Practice generating insights on a real-world data.

LETS BEGIN!

DATA ANALYSIS

1. Programming skills
2. Statistics
3. Data Exploration

MACHINE LEARNING

1. Basic ML Algorithms
2. Advanced ML Algorithms
3. Build your profile

COMPUTER VISION

1. Deep Learning
2. Computer Vision Problems
3. Projects for CV

NATURAL LANGUAGE PROCESSING

1. Advanced NLP concepts and Frameworks
2. Projects on NLP

DATA Science

WELLCOME TO THE WORLD OF MACHINE LEARNING!

BASIC MACHINE LEARNING

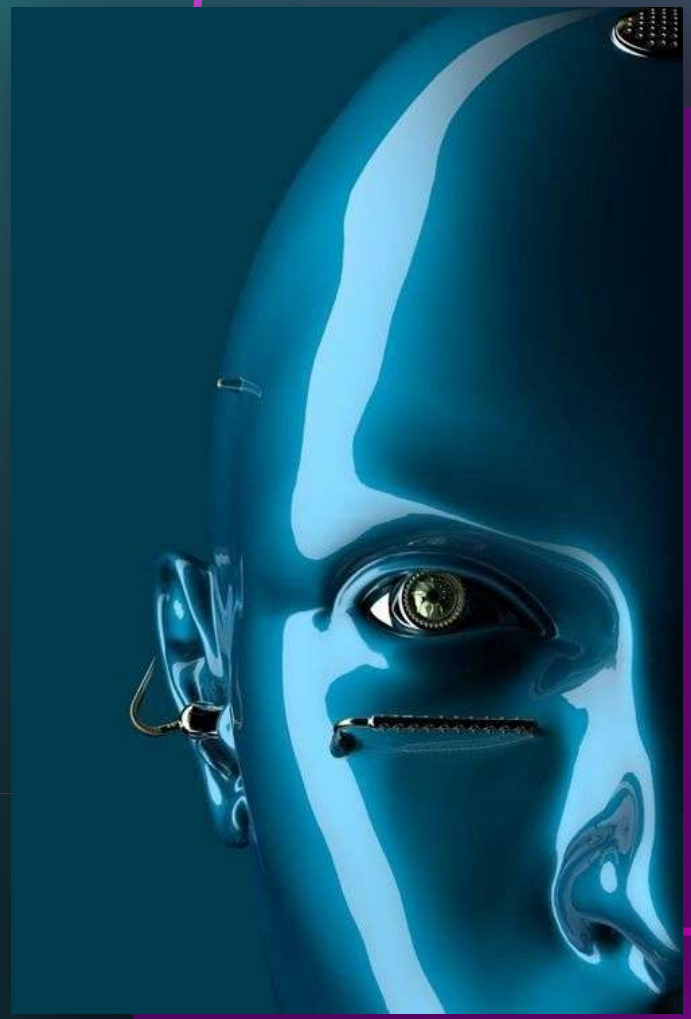
BASIC MACHINE LEARNING

WELCOME TO THE WORLD OF MACHINE LEARNING!

* Explore the Basic ML algorithms like linear models, decision trees, Naive Bayes among others.

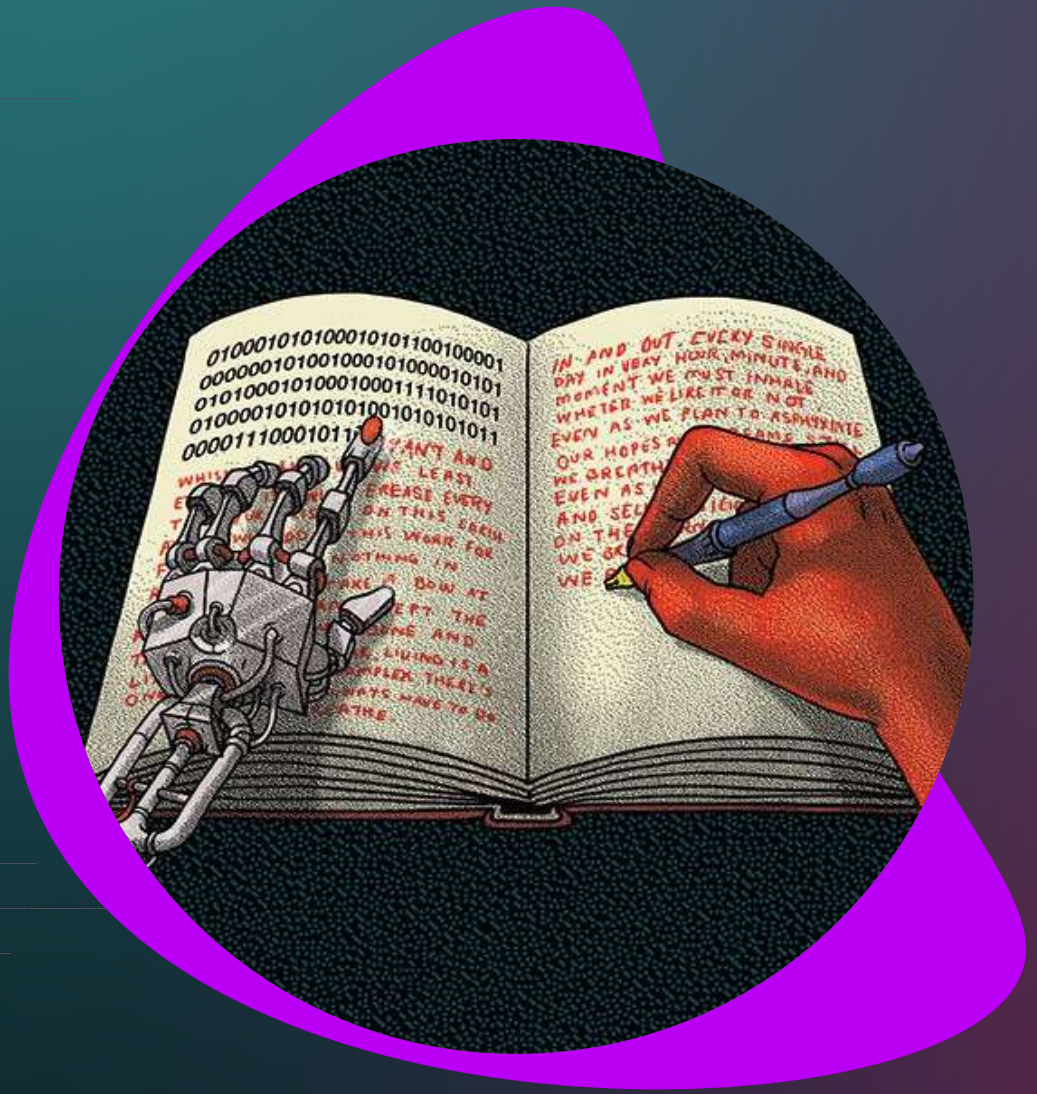
* Understand important ML concepts including feature engineering, dimensionality reduction, validation techniques and evaluation metrics.

ADVANCED MACHINE LEARING



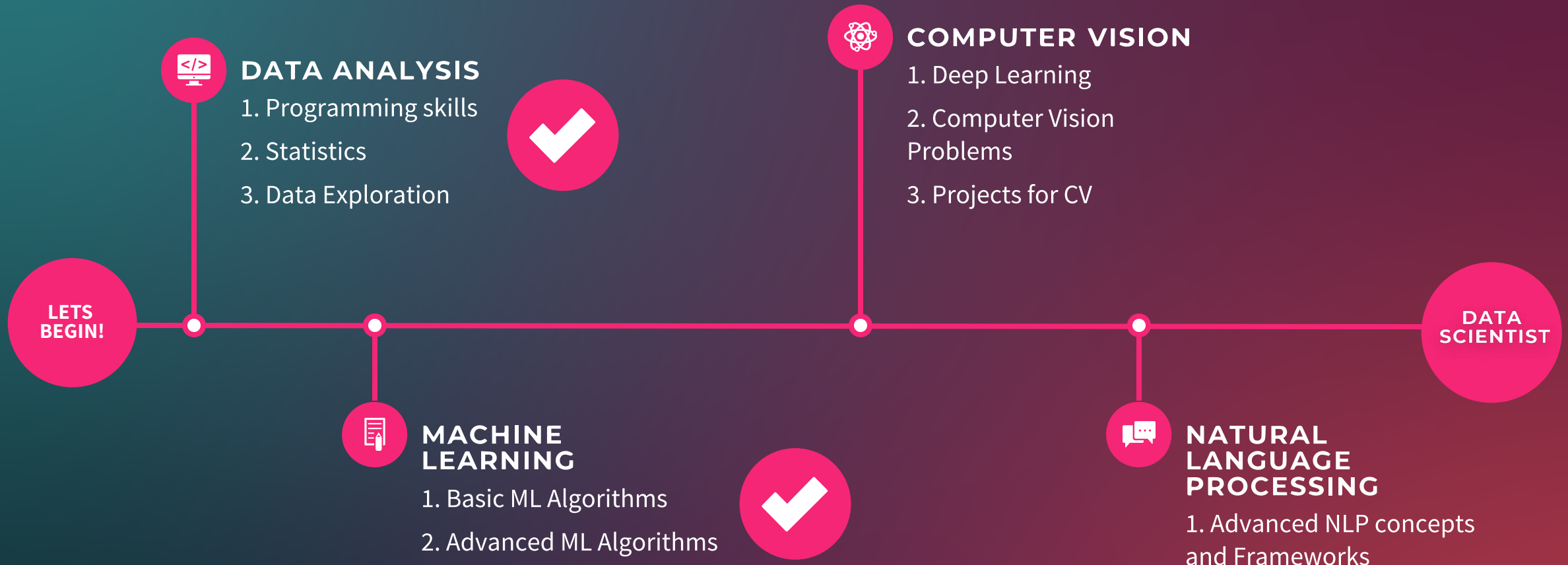
DIVE DEEPER INTO ADVANCED MACHINE LEARNING!

* Explore the advanced ML the concepts of stacking, blending and boosting.
* Learn about time series forecasting and unsupervised learning algorithms.
* Start working on ML projects to gain a hands-on practical experience on.



CREATE YOUR DIGITAL PRESENCE

* Participate in Machine Learning Hackathons and apply the techniques learned so far.
* Build your Digital Presence through Linkedin, GitHub, Medium and other platforms.
* Create your resume and apply for internships and jobs in Machine Learning.



Milestones in your Data Science Journey . . .

FUNDAMENTALS OF DEEP LEARNING

TAKE THE NEXT STEP INTO THE WORLD OF DATA SCIENCE WITH DEEP LEARNING

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TAKE THE NEXT STEP INTO THE WORLD OF DATA SCIENCE WITH DEEP LEARNING

* Familiarize yourself with DL frameworks like Keras (or you can choose others based on your preference – such as PyTorch).
* Learn how to work with image data and acquire neural network expertise.
* Explore different regularization techniques, how to perform hyperparameter tuning, and transfer learning, and much more.

MASTER COMPUTER VISION

COMPUTER VISION IS THE MOST IN-DEMAND FILED IN THE INDUSTRY

* Get familiar with the state-of-the-art algorithms for Computer vision - YOLO, RCNN and more.
* Work on computer vision problems including image classification, object detection and image segmentation.
* Explore the advanced concepts including image segmentation and image generation.

PROJECTS ON COMPUTER VISION

IMPLEMENT YOUR KNOWLEDGE ON REAL WORLD PROJECT

* Build Deep Learning models to solve computer vision problems.

* Some popular projects you can take up include - Digit recognition, face detection, age detection.

HERE IS A LIST OF DATA SCIENCE PROJECTS TO TRY YOUR HANDS ON!

NATURAL LANGUAGE PROCESSING

NLP IS THE SCIENCE OF TEACHING MACHINES HOW TO INTERPRET TEXT

* Start getting acquainted with the state-of-the-art NLP frameworks.
* Explore the advanced concepts like topic modeling, text summarization and more.
* Participate in hackathons and solve projects around NLP.

PROJECTS ON NPL

Milestones in your Data Science Journey . . .

PRACTICE ON REAL-WORLD DATASETS!

* Projects are a great way to practice your skills and enhance your profile.

* Work on NLP problems like Text classification, Building Chatbot, Text summarization etc

HERE IS A LIST OF DATA SCIENCE PROJECTS TO TRY YOUR HANDS ON!

WEBIOTIC+

LAND THE DREAM JOB

IT IS TIME TO APPLY FOR JOBS

* Prepare for data science interview questions through online blogs and websites.
* Start participating in hackathons and competitions, and practice your skills on real world problems.
* Update your linkedin and Github profiles.
* Build your resume and start applying for Data Science jobs!

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Career and Job

Career Coaching

- Skill Assessment
- Goals setting
- Continuous Learning
- Updated with Industry Trends
- Iterative training approch
- Focus on practical+conceptual training

Project Portfolio

- Build projects portfolio on GitHub
- Following Agile methodology
- Development of new features
- Maintenance of existing features
- Make your Projects Live
- Finalizing your Resume with projects

Interview Preparation

- Comprehensive approch for Aptitude test prepration
- Multiple Mock Interviews to build confidence
- Get Feedback of your Mock interviews
- Prepare Yourself for Fullstack Java interview
- How to answer tricky technical questions
- Prepration for HR round
- Make Profile on Job Portals

Soft Skill Communication

- Holistic Professional Growth
- Effective Communication
- Team Collaboration
- Adaptability and Resilience
- Leadership and Initiative

Success is Just a Call Away!

So if you are ready to code your way to success? Enroll now at **IT Creators** and unlock your potential as a Python Full Stack Developer. Our counsellors are a call away and they will be more than happy to talk with you. Anyday, Everyday, we are there for you!

Request For Call Back

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