

SKILL DIPLOMA IN

DATA SCIENCE & ARTIFICIAL INTELLIGENCE

Overview of Program

▶ **Python and Python for Data Science**

You will start by learning the basics. Core Python, Object Oriented Python, Python for Data Science are all covered thoroughly.

▶ **Machine Learning**

You will learn all the important algorithms in Supervised and Unsupervised Machine Learning.

▶ **Deep Learning Foundation**

You will learn the basics of deep neural networks (DNN) and implement the same using TensorFlow and Keras. Further you will go through Convolutional Neural Networks (CNN) and Recurrent Neural Networks (RNN).

▶ **Deep Learning Application**

You will explore more into deep learning in the domains of Time Series Analysis, Natural language Programming and Computer Vision.

▶ **Advanced Deep Learning**

You will learn more advance topics and applications of deep learning; Variational Autoencoders, Generative Adversarial Networks (GANs) and Deep Reinforcement Learning.

THE TIME IS NOW

- ▶ With the AI technologies like Augmented AI, Responsible AI, Generative AI, Composite AI, and AI Assisted Design still at its infancy, deep learning and AI are going to stay hot for at least next five to ten years.
- ▶ The companies like Google, Amazon, Facebook, NVIDIA, Adobe, Microsoft, Uber, and Accenture are hiring skilled AI Engineers with mindboggling salary hikes (2 to 3 times the current salaries).
- ▶ They have around 20% positions still vacant.
- ▶ More and more companies are becoming AI ready and thus the number of jobs are also getting increased.

Benefits of these Courses

- 📖 Comprehensive Curriculum
- 🤝 Collaboration with Jain University
- 🔧 Project Based Learning
- 👤 Dedicated Placement Assistance
- 📋 Job Readiness
- 👥 Mentorship
- 🎓 Immersive Classroom Learning Experience



INDUSTRY TRENDS

- ▶ An IDC report found three-quarters of commercial enterprise applications could lean on A.I. by next year alone, while an Analytics Insight report projects more than 20 million available jobs in artificial intelligence by 2023.
- ▶ Digitalization will make even more structured and unstructured data available to be leveraged, which will increase the need for more A.I. professionals
- ▶ Companies need someone who is familiar with A.I. and can look at the current problems and identify where A.I. can be applied," he said. "Next, they need professionals who can develop and deploy the A.I. solution whether it be pre-built or a point solution.



KEY HIGHLIGHTS

- 11 months course [350 hours]
- Online/Offline Mode of learning
- Weekday/Weekend Classes
- Extensive Coverage
- Hands-On Programming in Class
- Regular Assignments and Tests.
- Job Readiness
- Capstone Projects
- Mock Interviews
- Optional Cutting Edge Projects [Additional three months, two projects]

This Course would be suitable for you if:

This course is designed for fresh and experienced candidates alike. It takes you from zero to hero in Artificial Intelligence. It will not only take you through cutting edge development in AI but also will make your foundations strong in topics like Data Science, Machine Learning, Natural Language Processing, Time Series Analysis and Reinforcement Learning.



On completion of these programs you will:

- ▶ Be able to create your own chatbots
- ▶ Be able to do cutting edge DL projects using TensorFlow and Keras
- ▶ Be able to use transfer learning

TOP COMPANIES EXPLOITING MACHINE LEARNING



AI in International Market

- Worldwide AI market revenue revenues are likely to surpass \$300 billion in 2024 with a five-year compound annual growth rate (CAGR) of 17.1 per cent.
- Customer relationship management (CRM) AI applications and enterprise relationship management (ERM) AI Applications are the two largest segments with 20 per cent and 17 per cent share of the AI applications market.

SKILL DIPLOMA IN DEEP LEARNING & A.I CURRICULUM

MODULE 1

- Core Python

MODULE 3

- NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn

MODULE 5

- Supervised Machine Learning

MODULE 7

- TensorFlow and Keras

MODULE 9

- Deep Computer Vision

MODULE 11

- Natural Language Processing and Attention

MODULE 13

- Deep Reinforcement Learning

MODULE 2

- Object Oriented Python

MODULE 4

- Mathematics for Machine Learning

MODULE 6

- Unsupervised Machine Learning

MODULE 8

- Deep Neural Networks

MODULE 10

- Time Series Analysis with RNN and CNN

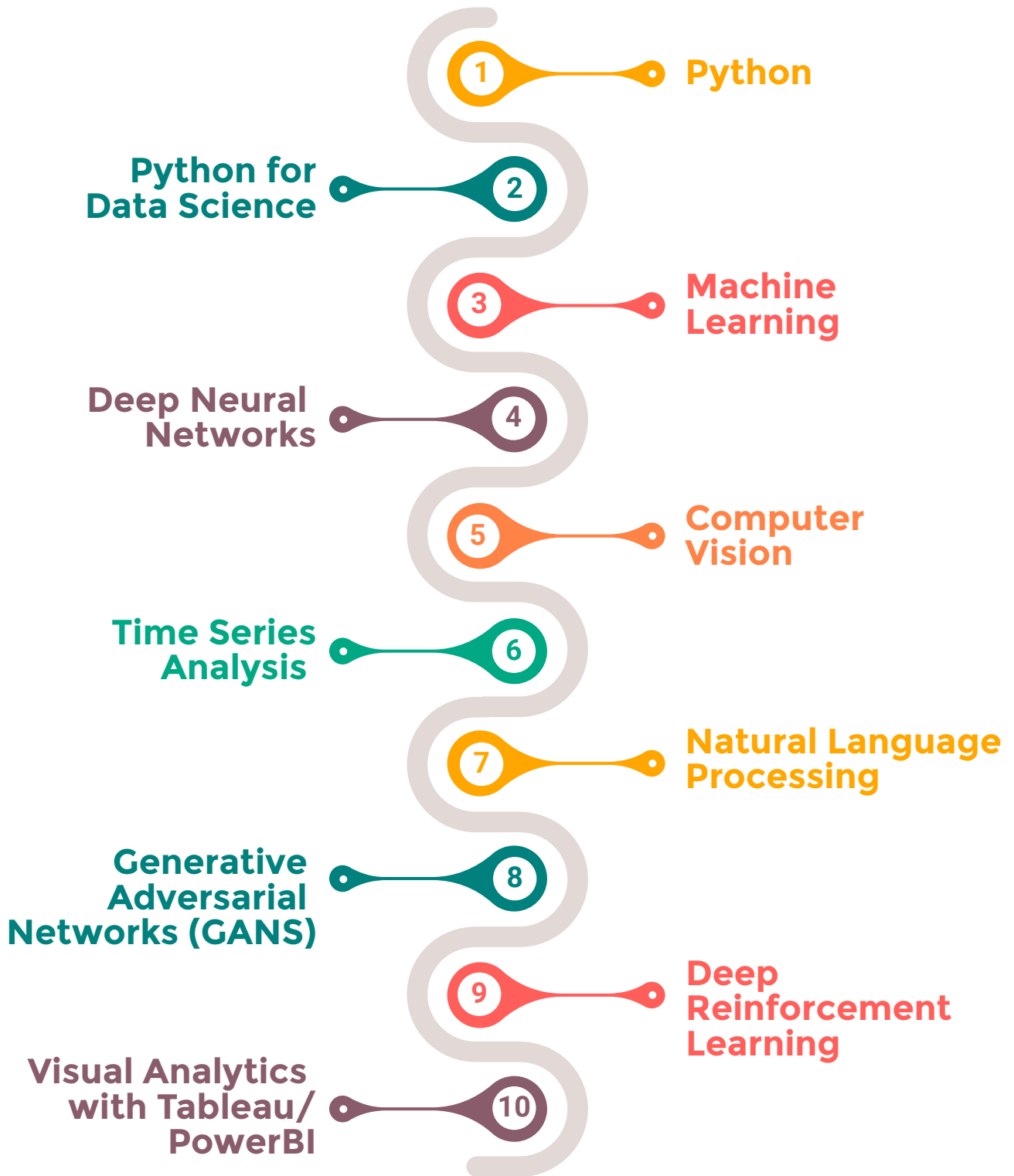
MODULE 12

- Generative Adversarial Networks

MODULE 14

- Visual Analytics with Tableau/PowerBI

Learning Path :



Capstone Projects:

- 01 **Finance -**
 - Stock Price Predictor
- 02 **Recommendation System -**
 - Music Recommendation System
- 03 **Natural Language Processing -**
 - Sentiment Analysis
- 04 **Audio Analytics -**
 - Music Genre Classification
- 05 **Retail -**
 - Customer Segmentation
- 06 **Image Analytics -**
 - Fashion MNSIT Image recognition
- 07 **Traffic
Sign Classification**
- 08 **Automatic Music
Generation**
- 09 **Text Summarizer**
- 10 **Chatbot**
- 11 **Style Transfer**
- 12 **Generating Human
Faces using GANs**

Why Learn Digital Academy ?



Best Professional training institute of Data Science



Both Online/Classroom and Weekday/weekend training



Experts Designed Project based Curriculum



Real Projects with dedicated experts team



One to One doubt Clearing Sessions for analyzing students improvement.



Resume preparation and mock interviews by Senior Data Scientists



Post training support with 100% Placement assistance from Jain University



Certification from Jain University



PLACEMENT ASSISTANCE:

Learn Digital Academy Provides 100% placement assistance throughout the program to guide and help you get job ready from day 1



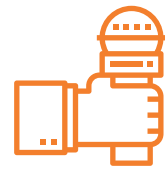
Resume Building

Refine and Polish your resume with expert tips to help you for better job opportunities.



Interview Prep

Prepare you to face HR and technical Interview rounds with interview Q&A.



Mock Interviews

One to one mock interviews with industries experts

ADMISSION PROCESS:

STEP 1- Taking Telephonic interview to know the background of the students.

STEP 2 - If the student is interested in the course He/she will be provided with online or live interactive class to clear his/her doubts about the course.

STEP 3- If student is satisfied with the interaction then they can proceed with enrollment.

MAP YOUR FUTURE IN

- AI Engineer
- Deep Learning Expert
- Computer Vision Developer
- NLP developer
- Machine Learning Engineer
- Data Scientist

* **Scholarship Available**



ARTIFICIAL INTELLIGENCE IS THE NEXT REVOLUTION

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5/5 ★★★★★

Justdial
4.9/5 ★★★★★

Google
4.9/5 ★★★★★

UrbanPro
Discover • Learn • Grow
4.9/5 ★★★★★

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