AI Foundation with Python

Digital Lync

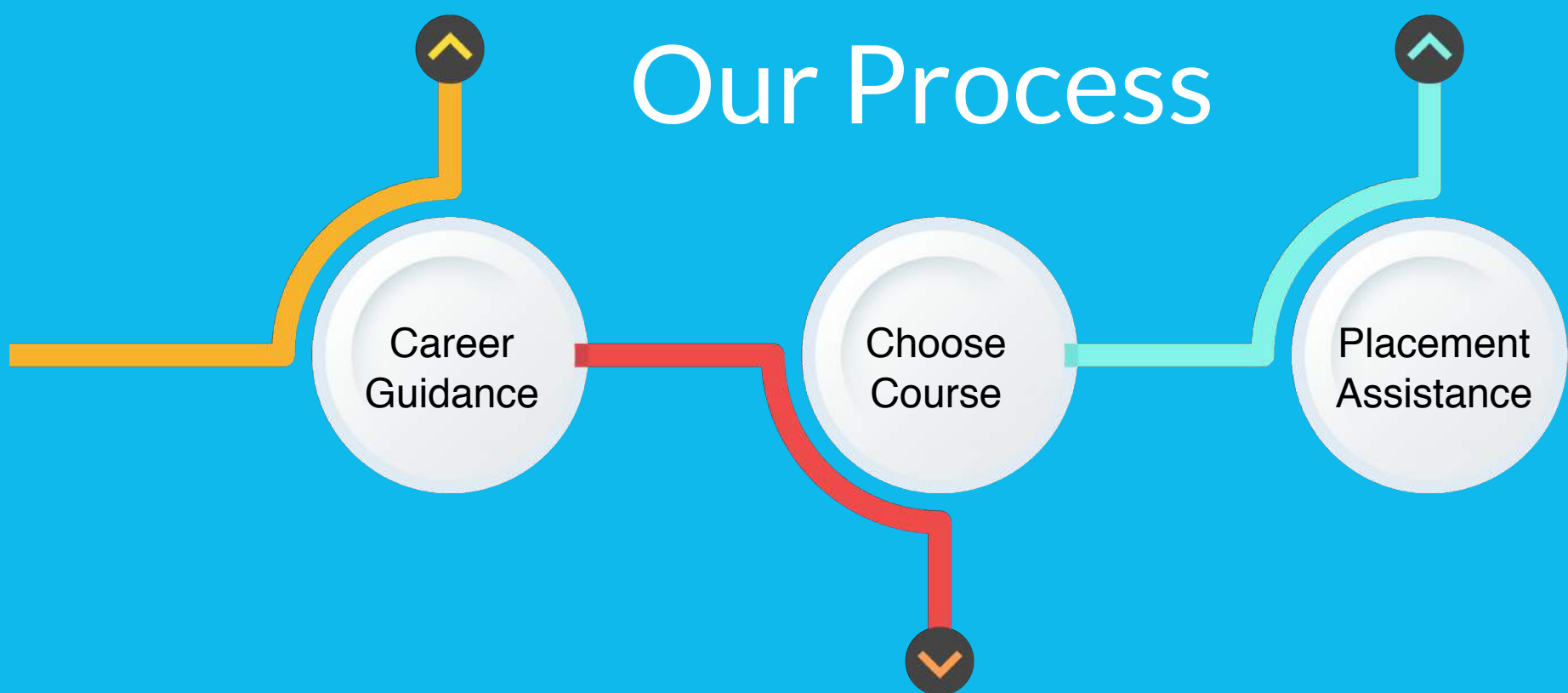EDUCATION - INNOVATION - INCUBATION

01

Welcome To

Digital Lync

Digital Lync empowers technology seekers by providing world class infrastructure, best quality project based technology education, Research and Development of great products and supports enthusiastic new entrepreneurs.

Expert counsellor advises to match your skills with trending technologies in the industry.

We are a link to your awesome future! We recognize, enhance and present your skills to the coolest companies.

Our Process

Career Guidance

Choose Course

Placement Assistance

You pick and we guide. We mentor you all along and help you throughout your learning process.

www.digital-lync.com

AI Foundation
with Python

Learning the essentials of AI, Deep Learning and Data Science while exploring the core and advanced Python

DURATION: **48+ HOURS**

WHAT DO YOU NEED TO KNOW

Python, Statistics, Predictive Analytics,Forecasting Analytics, Machine Learning Supervised, Machine Learning Unsupervised, Mathematics, Tensorflow, Convolutional Neural Network, Recurrent Neural Networks, Autoencoders, Foundation of AI, Intelligent Agents, Constraint satisfaction, Logical Agents, Planning and Knowledge representation, Probabilistic reasoning.

Why
AI Foundation
with Python

Get Job ready after completing this full-fledged course of Artificial Intelligence. Learn like never before. Theory,practical, examples, live projects, and production modules all at one place.

AI Foundation with Python

Curriculum

MODULE 1:
PYTHON - CORE & ADVANCED:
Learn the entire components of Python Programming Language and AI's dependency on it

MODULE 2:
STATISTICS:
Lets understand and visualize the data before getting our hands dirty

MODULE 3:
PREDICTIVE ANALYTICS:
Lets Start with the basics of Prediction

MODULE 4:
FORECASTING ANALYTICS:
Forecasting the Time-based data like Stock-market

MODULE 5:
MACHINE LEARNING SUPERVISED:
Learning the Classification and Prediction models

MODULE 6:
MACHINE LEARNING UNSUPERVISED
Learning the Clustering and Dimensionality Reduction Models

MODULE 7:
MATHEMATICS - LINEAR ALGEBRA AND CALCULUS
Understanding the base of Neural Networks

MODULE 8:
TENSORFLOW
Exploring Google's Deep Learning Library

MODULE 9:
CONVOLUTIONAL NEURAL NETWORKS
Lets work with images

MODULE 10:
RECURRENT NEURAL NETWORKS
Understanding things which are not in order

MODULE 11:
AUTOENCODERS
Understanding reconstruction of outputs from inputs

MODULE 12:
FOUNDATION OF AI
Understanding AI

MODULE 13:
INTELLIGENT AGENTS
What is IA and what makes it store and retrieve data from internet?

MODULE 14:
CONSTRAINT SATISFACTION
How to specify constraints in AI

MODULE 15:
LOGICAL AGENTS
Inferring logics and defining actions

MODULE 16:
PLANNING AND KNOWLEDGE REPRESENTATION

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Project: 1

PAC-MAN WORLD

Let's teach Pac-Man to search his world to complete the following tasks:
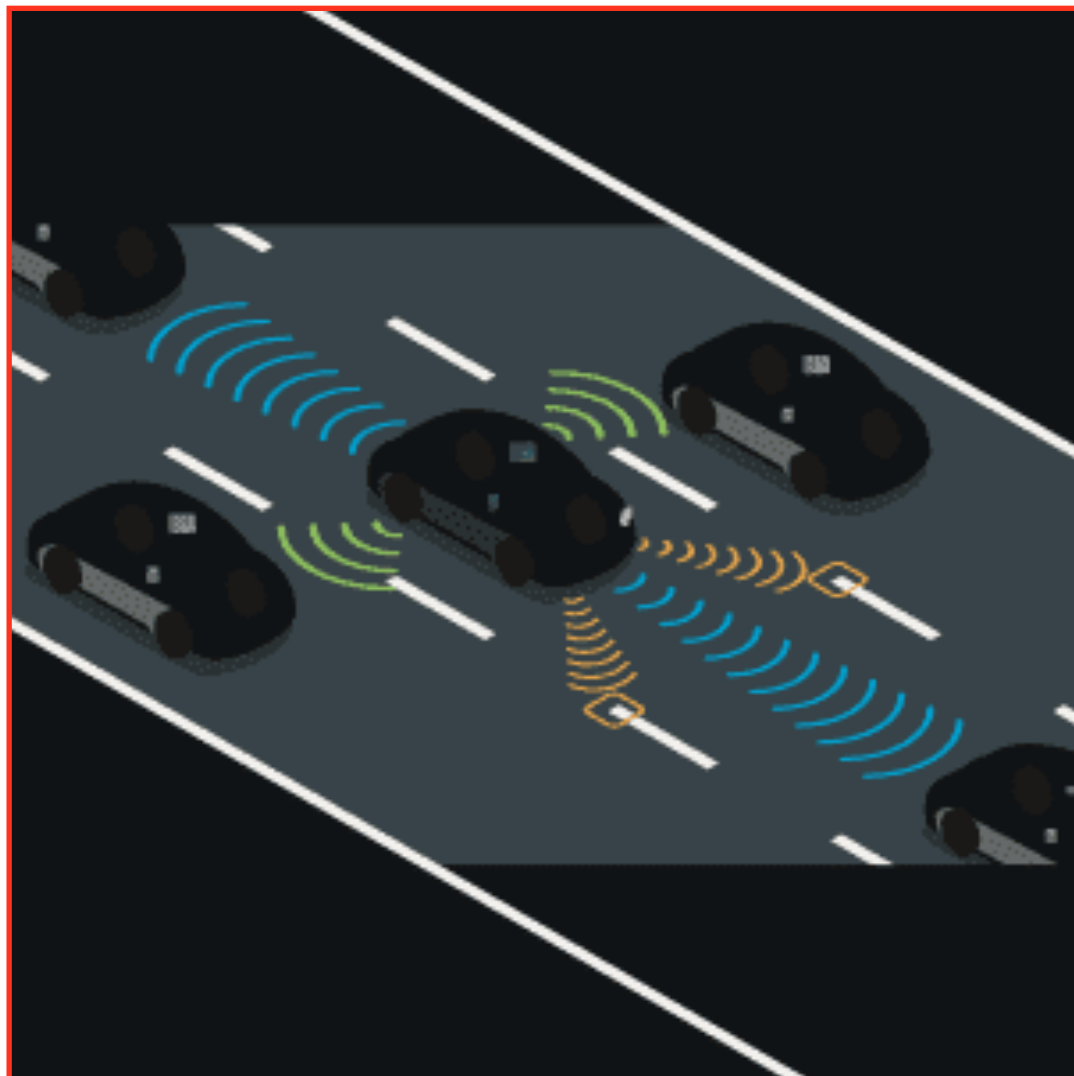
- Find a single obstacle.
- Find multiple obstacles.
- Find the fastest way to eat all the food in the map

Project: 2

SELF DRIVING CAR ESSENTIALS

Lets understand the algorithms behind the Self Driving cars and then execute them to make our own Self-Driving Car Pipeline. Our goal is to write a software pipeline to identify the lane boundaries in a video.
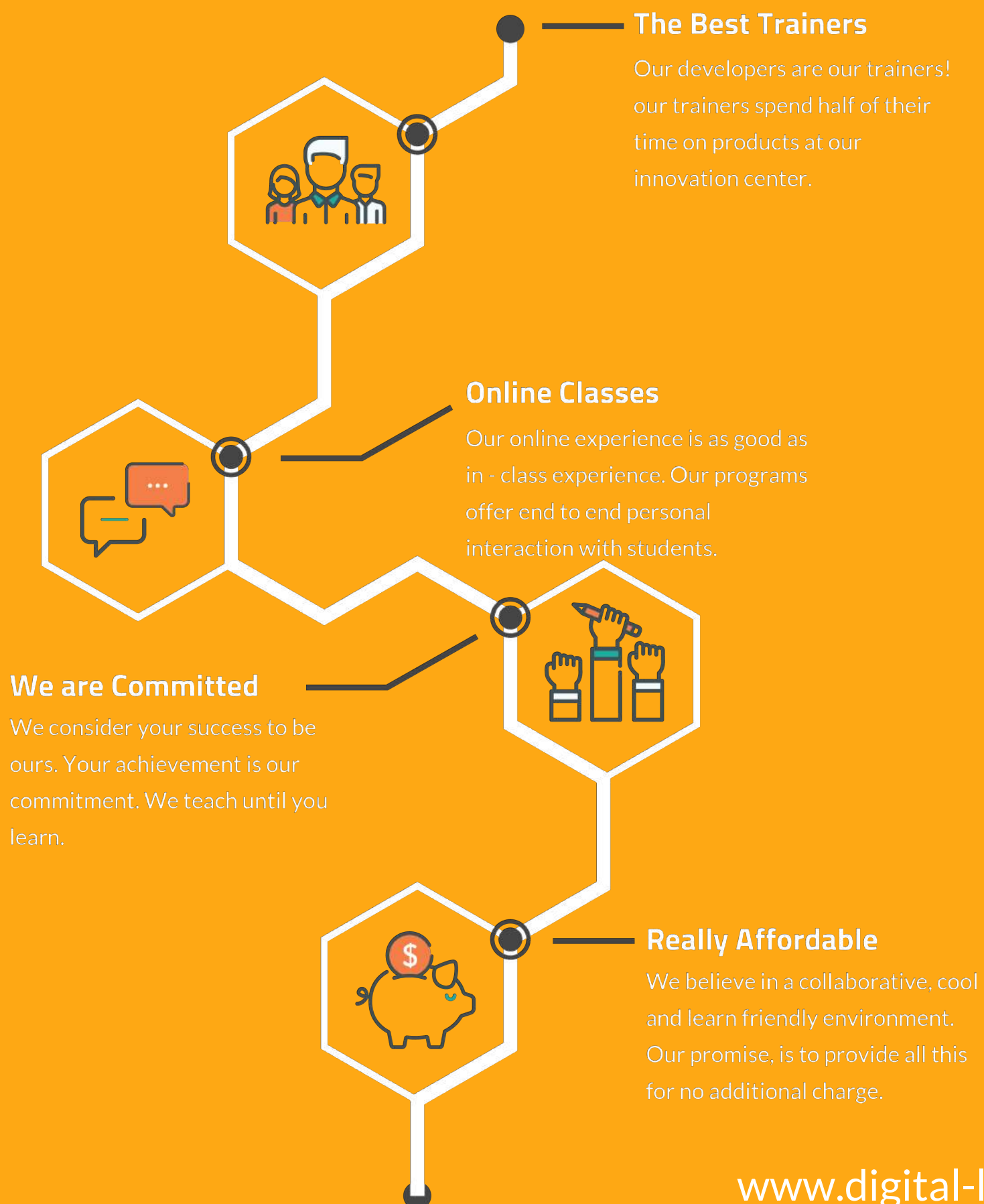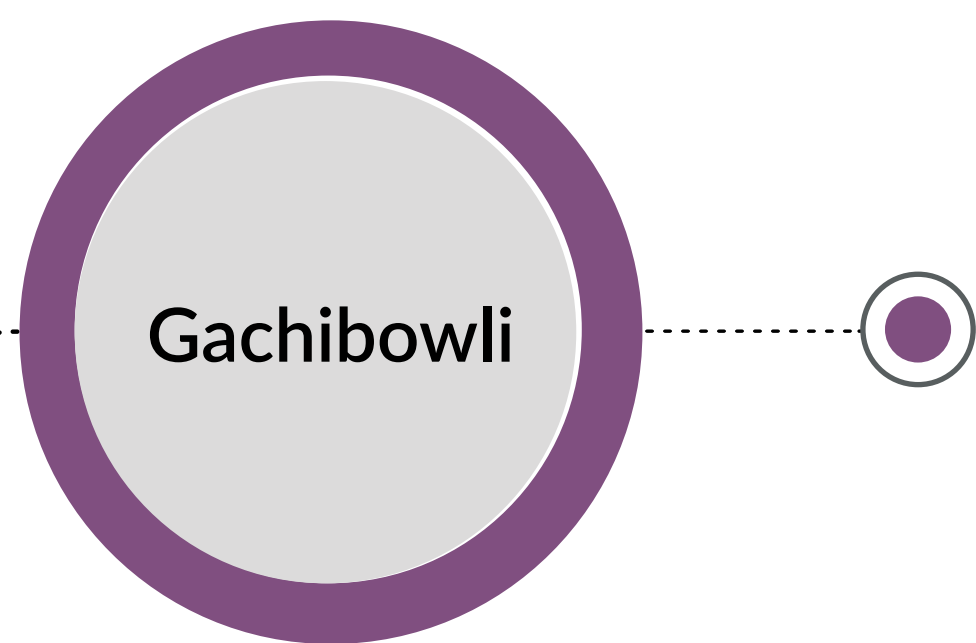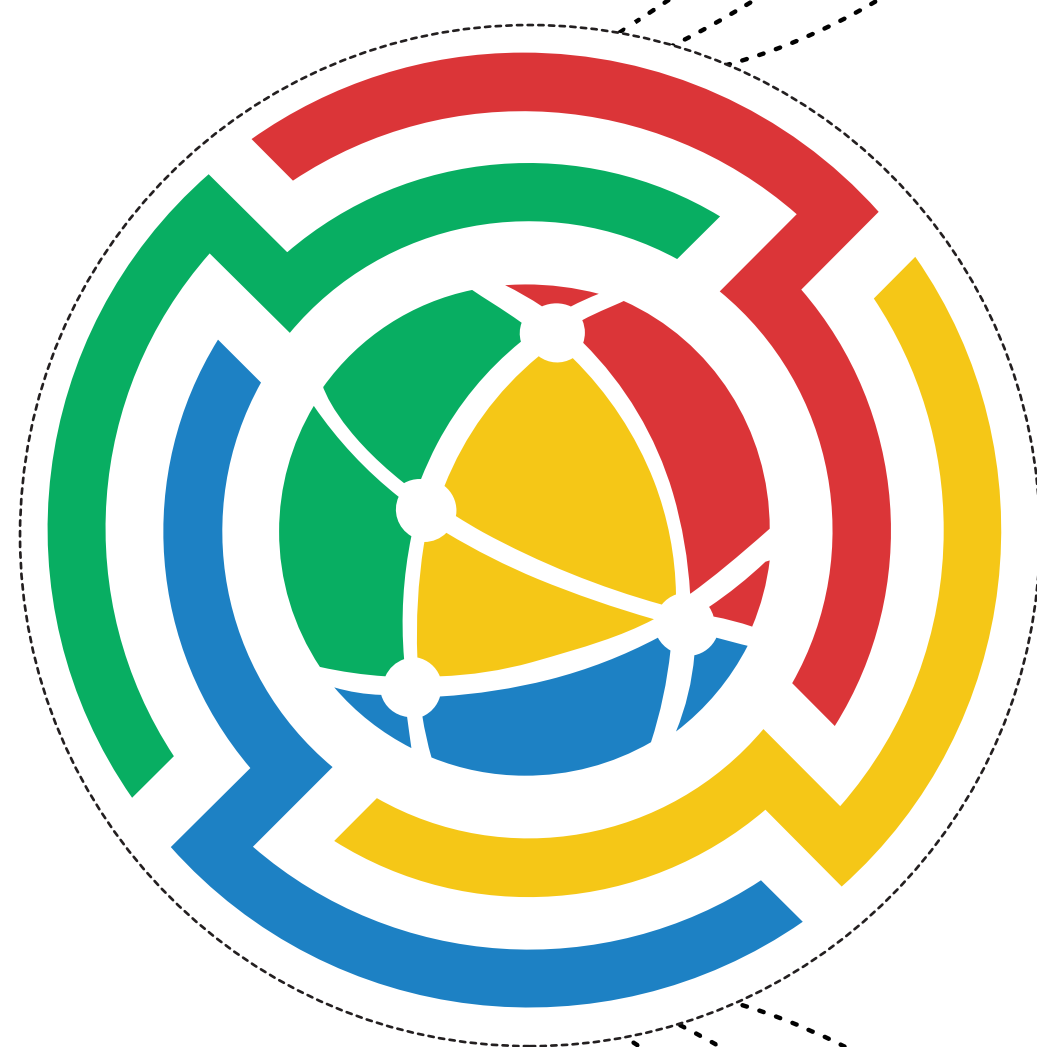
04

Why

Digital Lync

The Best Trainers

Our developers are our trainers! our trainers spend half of their time on products at our innovation center.

Online Classes

Our online experience is as good as in - class experience. Our programs offer end to end personal interaction with students.

We are Committed

We consider your success to be ours. Your achievement is our commitment. We teach until you learn.

Really Affordable

We believe in a collaborative, cool and learn friendly environment. Our promise, is to provide all this for no additional charge.

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Trending

Technologies

- Python
- Devops
- AWS
- Azure (Cloud Computing)
- Data Sciences
- Deep Learning
- Artificial Intelligence
- Data Analysis
- Big Data
- FullStack
- Digital Marketing
- Mobile Development
- Blockchain
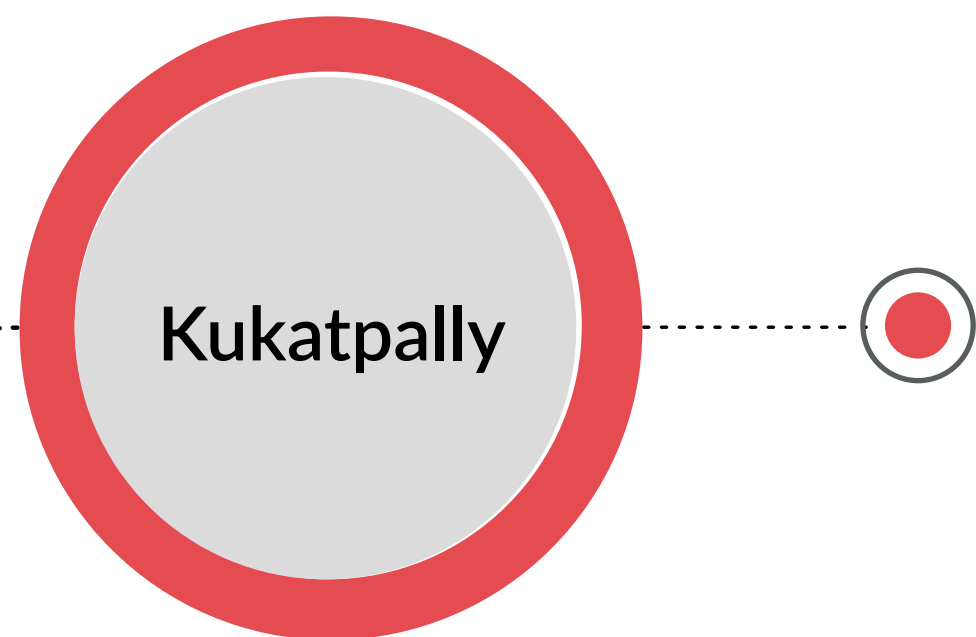- Visual Design
- Game Development
- IOT
- Cyber Security

Gachibowli

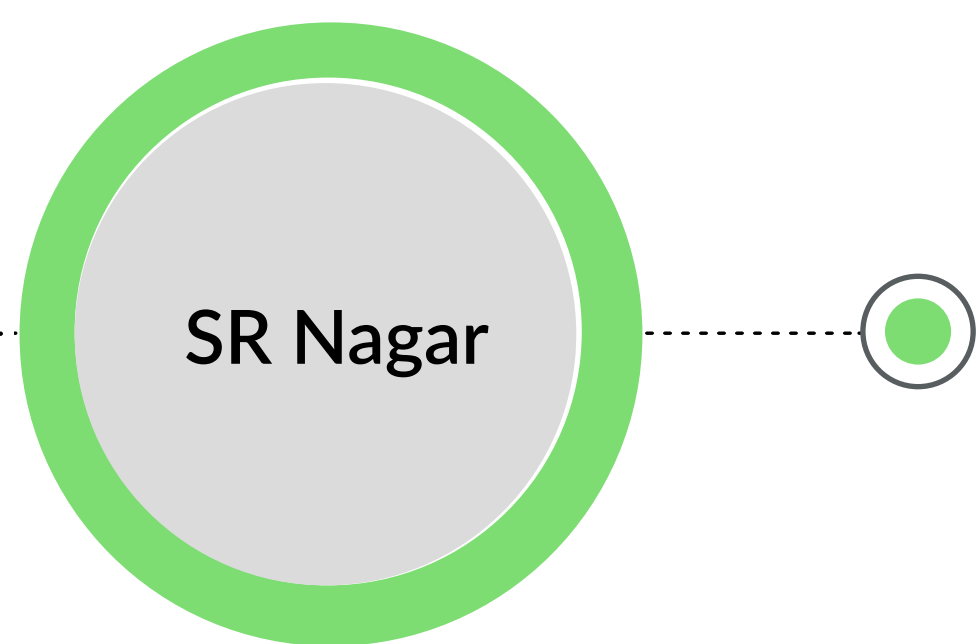Khajaguda, Naga Hills Rd,
Madhura Nagar Colony,
Gachibowli, Hyderabad.

📞 9652021616 / 7093861616

Kukatpally

Manjeera Trinity Corporate,
1st floor, office no. 106 & 107,
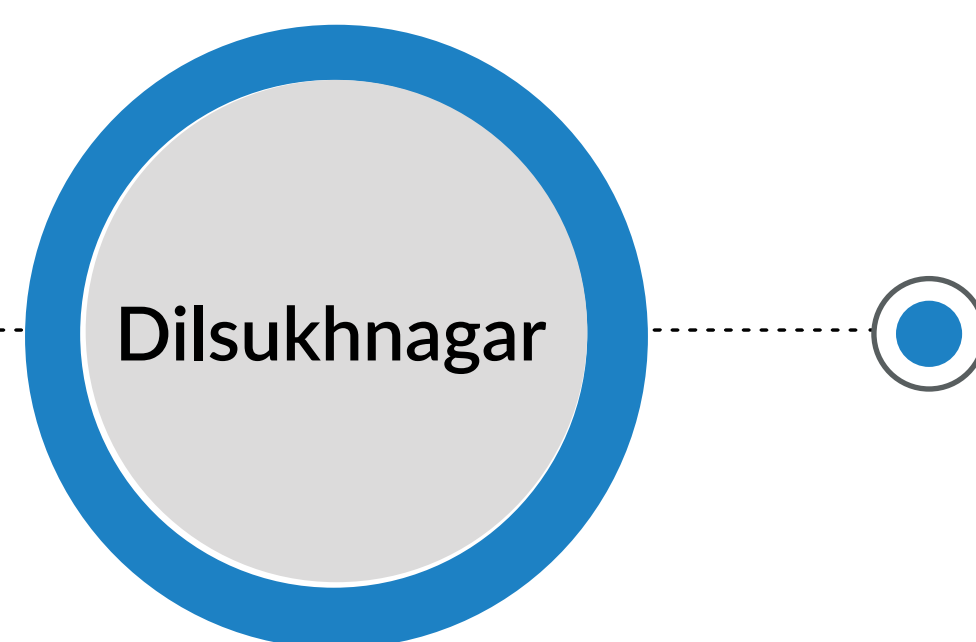Kukatpally, Hyderabad.

📞 9652978616 / 7093861616

SR Nagar

31/A , Chitti Classics, Adjacent to
SR Nagar Police Station Signal,
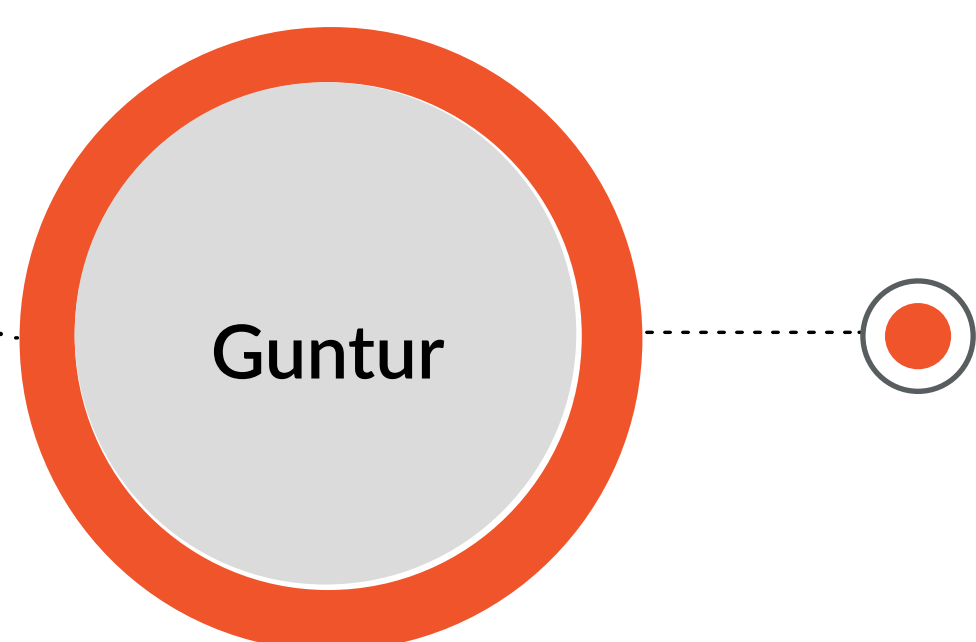Balkampet Main Road,Hyderabad.

📞 9704661616 / 7093861616

Dilsukhnagar

Near Telephone Colony Arch,
Yashoda Speciality Clinic
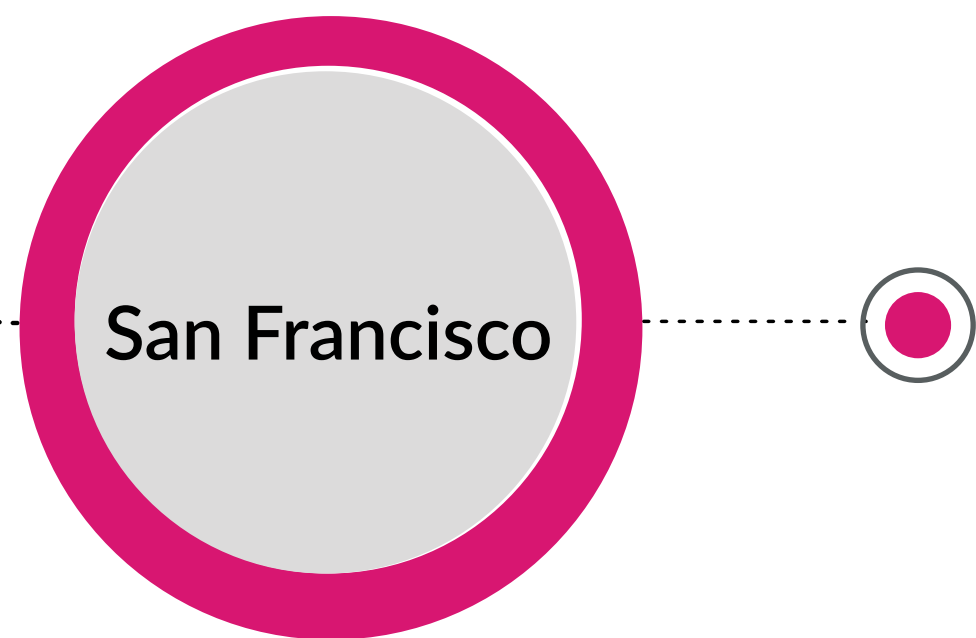Building 3rd floor,
Kothapet, Hyderabad.

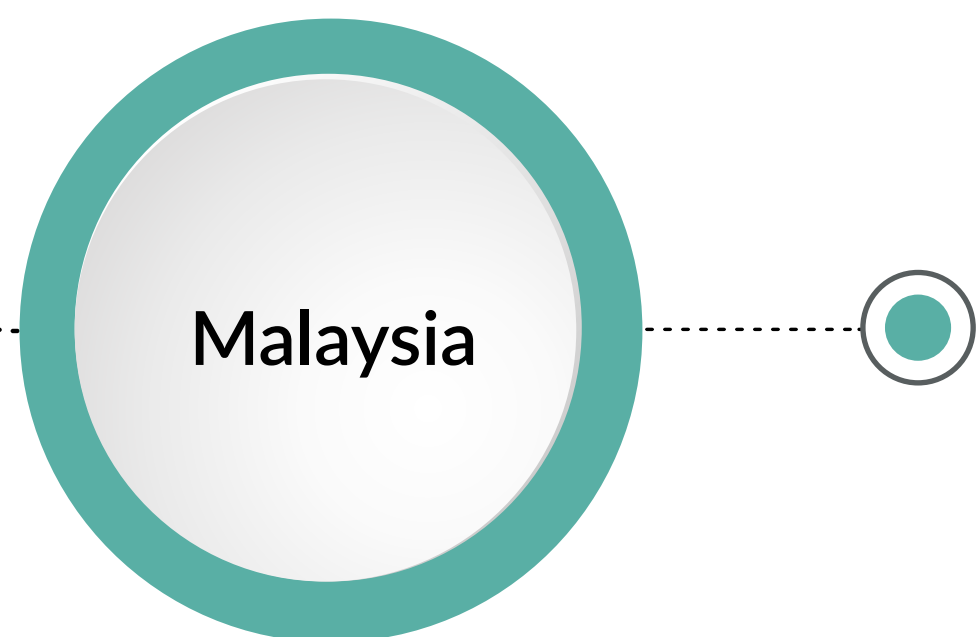📞 9652678616 / 7093861616

Guntur

Emgee House,
Chandramouli Nagar,
Guntur, Andhra Pradesh.

📞 9652741616 / 7093861616

San Francisco

1 Hallidie Plaza,
San Francisco,
California, 94102.

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Sri Hartamas, 50480,
Kuala Lampur, Malaysia.

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