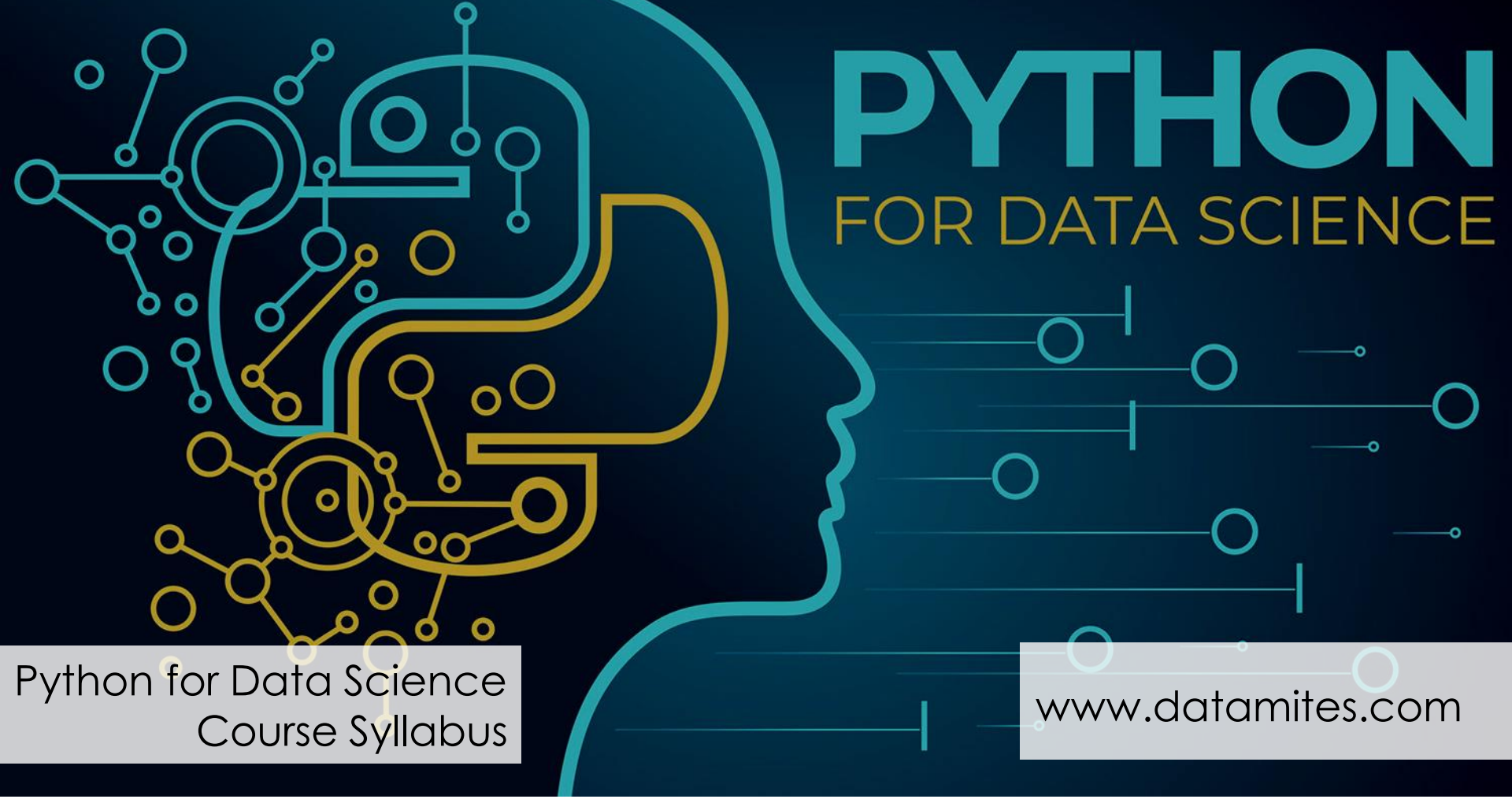

Python for Data Science Course Syllabus

www.datamites.com

IABAC International Association of Business Analytics Certification

Datamites Global Institute for Data Science

DataMites™ is Registered Education Partner of IABAC

Python for Data Science

Data Scientist Track – Core Module

Course ID: DS1016

Datamites
Global Institute for Data Science

Module 1	Introduction to Data Science with Python Installing Python, Programming basics, Native Data types
Module 2	Python Basics: Basic Syntax, Data Structures Data objects, Math, comparison operators, condition statements, loops, lists, tuples, sets, dicts, functions
Module 3	Numpy Package Overview, Array, selecting data, Slicing, Iterating, Manuplications, stacking, splitting arrays, functions
Module 4	Pandas Package Overview, Series and DataFrame, manuplication.
Module 5	Python Advanced: Data Mugging with Pandas Histogramming, grouping, aggregation, treating missing values, removing duplicates, Transforming data
Module 6	Python Advanced: Visualization with MatPlotLib
Module 7	Exploratory Data Analysis: Data Cleaning, Data Wrangling
Module 8	Exploratory Data Analysis: Case Study

Duration : 8 Hrs.
2-Days Classroom / 3-Days Online Training

5+ Industry Projects

24x7 Data Science Cloud lab access for 1 year

Placement Assistance Included

INTERNATIONAL ASSOCIATION OF IABAC BUSINESS ANALYTICS CERTIFICATION

www.datamites.com | enquiry@datamites.com | corporate@datamites.com

Follow us on:

Twitter.com/DataMites
Facebook.com/DataMites
Linkedin.com/company/DataMites
Youtube.com/c/DataMites

IABAC APPROVED