

Data Science Bootcamp

Learn Artificial Intelligence and Machine Learning on Python and AWS

www.blockchainainyc.com

Fees & Schedule

	Part Time	Full Time
Enrollment option*	3 Days a week (9 hours per week for 12 weeks)	5 Days a week(20 hours per week for 6 weeks)
Timings	Slots: 9:30-01:30, 02:30-5:30, 06:30- 9:30	
In Campus Class Hours**	100 hrs	
TA monitored In Class Lab Sessions	50 hrs	
Monitored Quiz	20 hrs	
1-on-1 with Instructor	10 hrs	
Total in campus	180 hrs	
Price:	\$2700 (Option to pay in three installment of \$900 each)	

*Repeat the course without extra tuition

** Batch size of under 5

Course Highlights

Prerequisite: Demo / Intro Class

INTRO DO DATA SCIENCE OVERVIEW AND THE FRAMEWORK

AUDIENCE: DATA ANALYSTS OR BUSINESS INTELLIGENCE ANALYSTS
UNITS

Week 0: PRE-WORK TOPICS

Introduction to Python

Week 1: Tools required for Data Science

RESEARCH DESIGN AND EXPLORATORY DATA ANALYSIS

RESEARCH DESIGN AND PYTHON PANDAS / DATA WRANGLING TERMS AND CONCEPTS

Week 2 STATISTICAL FUNDAMENTALS

Week 3 REGRESSION AND AND EXPLORATORY USING PANDAS

FOUNDATION OF DATA MODELING

EVALUATING MODEL FIT

Week 4 Classification and Logistic Regression

INTRODUCTION TO CLASSIFICATION

Classification I

Classification II

LOGISTIC REGRESSION I

COMMUNICATING LOGISTIC REGRESSION RESULTS

Week 5 Decision Trees,Random Forests and Natural Language Processing

DECISION TREES AND RANDOM FOREST

NATURAL LANGUAGE PROCESSING

More supervised learning algorithms

Week 6 Dimensionality Reduction And Time Series Data

DIMENSIONALITY REDUCTION

TIME SERIES DATA

CREATE MODELS WITH TIME SERIES DATA

Week 7 Data Engineering

Database Technologies

Big Data Technologies

Week 8 Neural Network & Artificial Intelligence

Week 9 FLEXIBLE CLASS SESSION

Week 10-12 Final Project & Presentations
