

## SPECIALIZED PYTHON COURSE

DATA SCIENCE	MACHINE LEARNING	AWS
<ul style="list-style-type: none"> <li>➤ NumPy</li> <li>➤ NumPy Arrays</li> <li>➤ Basic statistics with NumPy</li> <li>➤ Graphical data analysis with Python</li> <li>➤ Cumulative distribution function</li> <li>➤ Plotting data with Python</li> <li>➤ Plotting histogram with Python</li> <li>➤ Data Analysis and Statistical thinking in Python</li> <li>➤ Scrapping the web</li> <li>➤ HTTP Request for importing files and flat files from the web</li> <li>➤ Importing data in python</li> <li>➤ Importing flat files using pandas</li> <li>➤ Importing flat files using NumPy</li> <li>➤ Importance of flat files in data science</li> <li>➤ Python Data Science ToolBox</li> <li>➤ Customizing plots with Matplotlib</li> <li>➤ Histogram with Matplotlib</li> <li>➤ Basics plots with Matplotlib</li> </ul>	<ul style="list-style-type: none"> <li>➤ Introduction to Machine learning</li> <li>➤ Setting up Scikitlearn and Ipython notebook</li> <li>➤ Getting started in Scikit-learn with famous iris dataset</li> <li>➤ Machine learning model with Scikit-learn</li> <li>➤ Comparing machine learning model with Scikit-learn</li> <li>➤ Pandas vs Seaborn vs Scikitlearn</li> <li>➤ Choosing the best model in Scikitlearn using cross validation</li> <li>➤ Evaluate a classifier in Scikitlearn</li> <li>➤ Text in scikitlearn</li> </ul>	<ul style="list-style-type: none"> <li>➤ Introduction – Python with AWS</li> <li>➤ Getting Configured</li> <li>➤ AWS CLI Tool and Boto3</li> <li>➤ Scripting Ec2</li> <li>➤ Creating Instance</li> <li>➤ List an Instance</li> <li>➤ Terminating Instance</li> <li>➤ Scripting S3</li> <li>➤ List Buckets</li> <li>➤ Inserting Files into Buckets</li> <li>➤ Delete Bucket contents</li> <li>➤ Delete Buckets</li> <li>➤ Scripting RDS</li> <li>➤ List DB Instances</li> <li>➤ Creating DB Instance</li> <li>➤ Delete a DB Instance</li> </ul>

eBotix Technologies