

Machine Learning 101 for Non Programmers [Small group \$99 pay at Door]

Machine Learning 101 Bootcamp NYC by Joshi

Machine Learning 101 Classes NYC for Non Programmers

Shivgan Joshi

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Weblinks:

<http://learnprogrammingnyc.com/>
<http://qcfinanceconsultingnyc.site/>

Contact Details

Please mail shivgan3@gmail.com or call Shivgan Joshi 929-356-5046 for any details/queries

Summary

Learn how to analyze, summarize, and visualize data in hands-on classroom and corporate training in New York.

About this Event

Our data analytics classes are taught by top instructors using our proprietary curriculum.

1. This course consists of 3 hours of onsite training along with 3 hours of live online training and 3 hours of tech support! (Online classes are taken on zoom.)
2. A minimum of 3 seats are required to start a batch, so please share your preferred date and time-slot to form a batch.
3. You can also join our 1 on 1 personalized course for which you can inquire separately.

Instructors:

Shivgan Joshi – Python Data Science Instructor

(Instructor has taken several sessions in NYC and will explain you all concepts in a very eloquent manner.)

More details about the event

1. For Non Coders and Non Programming Audience
2. No Programming Experience Required

Machine learning is going to disrupt a lot of industries in the next decade. Whether it be driverless cars, cashierless shops, personal assistant or AI physicians, the effect of machine learning will be pervasive.

Prepare for the next big disruption. This class assumes you don't have any programming background. However, it is recommended to have a basic understanding in Python. Understanding of Pandas Python Library will help a lot.

You will know when to run supervised or unsupervised learning for your data, whether to use classification or regression model, how to handle categorical vs continuous data. After the data is ready you will learn how to split the data and analyze the final results. We will use a lot of images to delineate different terms and topics used in Machine Learning. Although we would use classical datasets like IRIS, Titanic, etc but you will be able to scale and use your data for the models learned in the session.

Takeaways include developing basic vocabulary for:

1. Run machine learning models on your data using the setup
2. Supervised vs Unsupervised Learning
3. Regression vs Classification models
4. Categorical vs Continuous feature spaces
5. Python Scikit-learn Library
6. Modeling Fundamentals: Test-train split, Cross validation(CV), Bias–variance tradeoff, Precision and Recall, Ensemble models
7. Interpreting Results of Regression and Classification Models
8. Parameters and Hyper Parameters
9. Dimension Reduction
10. SVM
11. K-Nearest Neighbor
12. Neural Networks

Projects for the session (Python):

- Understanding and Interpreting results of Regression and Logistic Regression using Google Spreadsheets and Python
- Calculating R-Square, MSE, Logit manually for enhanced understanding
- Understanding features of Popular Datasets: Titanic, Iris and Housing Prices
- Running Logistic Regression on Titanic Data Set
- Running Regression, Logistic Regression, SVM and Random Forest on Iris Dataset

Post Session Assessment:

- Top 20 machine learning interview question
- ned in class
- Make data ready, choose and configure the correct model for your data
- Interpret results of your machine learning algorithm

Instructor's Bio Data

Shivgan Joshi

Shivgan Joshi is an executive trainer and talent acquisition consultant at QcFinance and has worked in the field of data science across disciplines, including engineering, investment banking, and technology.

<https://www.udemy.com/user/shivganjoshi2/>

<https://www.linkedin.com/in/shivganjoshi/>

<https://github.com/shivgan3>

Other courses

We also offer affordable courses on

1. Python programming,
2. Data Science and Analysis,
3. Machine Learning,
4. Blockchain technologies, and
5. VBA

Reference

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