

Machine Learning and Data Science Bootcamp

This is a data science detailed course where you will learn all the stack required to work in data science, data analytics, and the big data industry. The Machine Learning and Data Science Bootcamp course covers all the essential concepts, tools, and techniques of machine learning and data science. The course starts with an introduction to machine learning, data science, and the basics of Python programming language. This course teaches you how to handle missing data, outliers, and scale data for better performance. It is designed for beginners who want to learn machine learning and data science from scratch and for professionals who want to enhance their skills in these domains. The course program also covers machine learning algorithms such as linear regression, logistic regression, decision trees, random forests, support vector machines, and clustering algorithms.

Instructors:

Hitesh Choudhary:

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

- linkedin: <https://www.linkedin.com/in/hiteshchoudhary/>
- youtube: <https://www.youtube.com/c/HiteshChoudharydotcom>

Curriculum:

- Getting started with Machine Learning
- Installation for Windows and MAC
- Python Quick Refresher
- Mastering NUMPY Library
- Mastering PANDAS Library

- Mastering MATPLOTLIB Library
- Mastering SEABORN Library
- Multi index Matrix
- Portfolio Project - Classic 911 analysis
- Data preprocessing for Machine Learning
- Supervised, Unsupervised and Reinforcement Learning
- Linear regression algorithm
- Portfolio Project - Housing dataset analysis
- Decision Tree Regression Algorithm
- K-Nearest Neighbors Algorithm
- Support Vector Machine Classifier
- Naïve Bayes Algorithm
- Neural Network and Deep Learning

Requirements:

- System with Internet Connection
- Interest to learn
- Dedication