Mindluster Platform

About the course Python Data Science

This website contains the full text of the Python Data Science Handbook by Jake VanderPlas; the content is available on GitHub in the form of Jupyter .

Programming Category's Courses

Course Lesson(121)

Lesson 1 :
What is Data Science | Free Data Science Course | Data Science for Beginners | codebasics

Lesson 2 : **Learn data science for beginners How to learn data science for free**

Lesson 3 : **1 Install python on windows Python 3 Programming Tutorials**

Lesson 4 : **2 Variables in python Python 3 Programming Tutorials**

Lesson 5 : **3 Numbers Python 3 Programming Tutorials**

Lesson 6 : **4 Strings Python 3 Programming Tutorials**

Lesson 7 : **5 Lists Python 3 Programming Tutorials**

Lesson 8 : **6 Install PyCharm on Windows Python 3 Programming Tutorials**

Lesson 9 : **7 Debug Python code using PyCharm Python 3 Programming Tutorials**

Lesson 10 : **8 If Statement Python 3 Programming Tutorials**

Lesson 11 : **9 For loop Python 3 Programming Tutorials**

Lesson 12 : **10 Functions Python 3 Programming Tutorials**

Lesson 13 : **11 Dictionaries and Tuples Python 3 Programming Tutorials**

Lesson 14 : **12 1 Install Python Module using pip Python 3 Programming Tutorials**

Lesson 15 : **12 Modules Python 3 Programming Tutorials**

Lesson 16 : **13 Working With JSON Python 3 Programming Tutorials**

Lesson 17 : **14 if name main**

Lesson 18 : **15 Exception Handling Python 3 Programming Tutorials**

Lesson 19 : **16 Class and Objects Python 3 Programming Tutorials**

Lesson 20 : **What is Jupyter Notebook | Jupyter Notebook Tutorial in Python**

Lesson 21 : **What is Anaconda Install Anaconda On Windows**

Lesson 22 : **Jupyter Notebook Tutorial Ipython Notebook Tutorial**

Lesson 23 : **numpy tutorial basic array operations**

Lesson 24 : **Python Pandas Tutorial 1 What is Pandas python Introduction and Installation**

Lesson 25 : **Python Pandas Tutorial 2 Dataframe Basics**

Lesson 26 : **Python Pandas Tutorial 3 Different Ways Of Creating DataFrame**

Lesson 27 : **Python Pandas Tutorial 4 Read Write Excel CSV File**

Lesson 28 : **Python Pandas Tutorial 5 Handle Missing Data fillna dropna interpolate**

Lesson 29 : **Python Pandas Tutorial 6 Handle Missing Data replace function**

Lesson 30 : **Python Pandas Tutorial 7 Group By Split Apply Combine**

Lesson 31 : **Python Pandas Tutorial 8 Concat Dataframes**

Lesson 32 : **Matplotlib Tutorial 1 Introduction and Installation**

Lesson 33 : **Matplotlib Tutorial 2 format strings in plot function**

Lesson 34 : **Matplotlib Tutorial 3 Axes labels Legend Grid**

Lesson 35 : **Matplotlib Tutorial 4 Bar Chart**

Lesson 36 : **Matplotlib Tutorial 5 Histograms**

Lesson 37 : **Matplotlib Tutorial 6 Pie Chart**

Lesson 38 : **How to become a data scientist for free | Step by step approach to become data scientist**

Lesson 39 : **Machine Learning Tutorial Python 1 What is Machine Learning**

Lesson 40 : **Machine Learning Tutorial Python 2 Linear Regression Single Variable**

Lesson 41 : **Machine Learning Tutorial Python 3 Linear Regression Multiple Variables**

Lesson 42 : **Machine Learning Tutorial Python 4 Gradient Descent and Cost Function**

Lesson 43 : **Machine Learning Tutorial Python 5 Save Model Using Joblib And Pickle**

Lesson 44 : **Machine Learning Tutorial Python 6 Dummy Variables One Hot Encoding**

Lesson 45 : **Machine Learning Tutorial Python 7 Training and Testing Data**

Lesson 46 : **Machine Learning Tutorial Python 8 Logistic Regression Binary Classification**

Lesson 47 : **Machine Learning Tutorial Python 8 Logistic Regression Multiclass Classification**

Lesson 48 : **Machine Learning Tutorial Python 9 Decision Tree**

Lesson 49 : **Machine Learning Tutorial Python 10 Support Vector Machine SVM**

Lesson 50 : **Machine Learning Tutorial Python 11 Random Forest**

Lesson 51 : **Machine Learning Tutorial Python 12 K Fold Cross Validation**

Lesson 52 : **Machine Learning Tutorial Python 13 K Means Clustering Algorithm**

Lesson 53 : **Machine Learning Tutorial Python 14 Naive Bayes Classifier Algorithm Part 1**

Lesson 54 : **Machine Learning Tutorial Python 15 Naive Bayes Classifier Algorithm Part 2**

Lesson 55 : **Machine Learning Tutorial Python 16 Hyper parameter Tuning GridSearchCV**

Lesson 56 :
Machine Learning Tutorial Python 17 L1 and L2 Regularization | Lasso Ridge Regression

Lesson 57 :

Machine Learning Data Science Project 1 Introduction Real Estate Price Prediction Project

Lesson 58 :
Machine Learning Data Science Project 2 Data Cleaning Real Estate Price Prediction Project

Lesson 59 :
Machine Learning Data Science Project 3 Feature Engineering Real Estate Price Prediction

Lesson 60 :
Machine Learning Data Science Project 4 Outlier Removal Real Estate Price Prediction Project

Lesson 61 :
Machine Learning Data Science Project 5 Model Building Real Estate Price Prediction Project

Lesson 62 :
Machine Learning Data Science Project 6 Python Flask Server Real Estate Price Prediction

Lesson 63 :
Machine Learning Data Science Project 7 Website or UI Real Estate Price Prediction Project

Lesson 64 : **Deploy machine learning model to production AWS Amazon EC2 instance**

Lesson 65 : **Data Analyst vs Data Engineer vs Data Scientist**

Lesson 66 : **Data Science Machine Learning Project Part 1 Introduction | Image Classification**

Lesson 67 : **Data Science Machine Learning Project Part 2 Data Collection | Image Classification**

Lesson 68 : **Data Science Machine Learning Project Part 3 Data Cleaning | Image Classification**

Lesson 69 :
Data Science Machine Learning Project Part 4 Feature Engineering | Image Classification

Lesson 70 : **Data Science Machine Learning Project Part 5 Training a Model | Image Classification**

Lesson 71 : **Data Science Machine Learning Project Part 6 Flask Server | Image Classification**

Lesson 72 : **Data Science Machine Learning Project Part 7 Build Website | Image Classification**

Lesson 73 :
Data Science Machine Learning Project Part 8 Deployment Exercise | Image Classification

Lesson 74 : **Introduction | Deep Learning Tutorial 1 Tensorflow Tutorial Keras Python**

Lesson 75 :
Why deep learning is becoming so popular | Deep Learning Tutorial 2 Tensorflow2 0 Keras Python

Lesson 76 : **What is a neuron | Deep Learning Tutorial 3 Tensorflow Tutorial Keras Python**

Lesson 77 : **What is a Neural Network | Deep Learning Tutorial 4 Tensorflow2 0 Keras Python**

Lesson 78 : **Install tensorflow 2 0 | Deep Learning Tutorial 5 Tensorflow Tutorial Keras Python**

Lesson 79 :
Pytorch vs Tensorflow vs Keras | Deep Learning Tutorial 6 Tensorflow Tutorial Keras Python

Lesson 80 :
Neural Network For Handwritten Digits Classification | Deep Learning Tutorial 7 Tensorflow2 0

Lesson 81 : **Activation Functions | Deep Learning Tutorial 8 Tensorflow Tutorial Keras Python**

Lesson 82 : **Derivatives | Deep Learning Tutorial 9 Tensorflow Tutorial Keras Python**

Lesson 83 : **Matrix Basics | Deep Learning Tutorial 10 Tensorflow Tutorial Keras Python**

Lesson 84 : **Loss or Cost Function | Deep Learning Tutorial 11 Tensorflow Tutorial Keras Python**

Lesson 85 :

Gradient Descent For Neural Network | Deep Learning Tutorial 12 Tensorflow2 0 Keras Python

Lesson 86 :
Implement Neural Network In Python | Deep Learning Tutorial 13 Tensorflow2 0 Keras Python

Lesson 87 :
Stochastic Gradient Descent vs Batch Gradient Descent vs Mini Batch Gradient Descent |DL Tutorial 14

Lesson 88 : **Chain Rule | Deep Learning Tutorial 15 Tensorflow2 0 Keras Python**

Lesson 89 : **Tensorboard Introduction | Deep Learning Tutorial 16 Tensorflow2 0 Keras Python**

Lesson 90 :
GPU bench marking with image classification | Deep Learning Tutorial 17 Tensorflow2 0 Python

Lesson 91 :
Customer churn prediction using ANN | Deep Learning Tutorial 18 Tensorflow2 0 Keras Python

Lesson 92 :
Precision Recall F1 score True Positive|Deep Learning Tutorial 19 Tensorflow2 0 Keras Python

Lesson 93 :
Handling imbalanced dataset in machine learning | Deep Learning Tutorial 21 Tensorflow2 0 Python

Lesson 94 :
Applications of computer vision | Deep Learning Tutorial 22 Tensorflow2 0 Keras Python

Lesson 95 :
Simple explanation of convolutional neural network | Deep Learning Tutorial 23 Tensorflow Python

Lesson 96 :
Image classification using CNN CIFAR10 dataset | Deep Learning Tutorial 24 Tensorflow Python

Lesson 97 :
Convolution padding and stride | Deep Learning Tutorial 25 Tensorflow2 0 Keras Python

Lesson 98 :
Data augmentation to address overfitting | Deep Learning Tutorial 26 Tensorflow Keras Python

Lesson 99 : **Transfer Learning | Deep Learning Tutorial 27 Tensorflow Keras Python**

Lesson 100 :
Image classification vs Object detection vs Image Segmentation | Deep Learning Tutorial 28

Lesson 101 :
Popular datasets for computer vision ImageNet Coco and Google Open images | Deep Learning 29

Lesson 102 : **Sliding Window Object Detection | Deep Learning Tutorial 30 Tensorflow Keras Python**

Lesson 103 : **What is YOLO algorithm | Deep Learning Tutorial 31 Tensorflow Keras Python**

Lesson 104 :
Object detection using YOLO v4 and pre trained model | Deep Learning Tutorial 32 Tensorflow

Lesson 105 :
What is Recurrent Neural Network RNN Deep Learning Tutorial 33 Tensorflow Keras Python

Lesson 106 :
Types of RNN | Recurrent Neural Network Types | Deep Learning Tutorial 34 Tensorflow Python

Lesson 107 :
Vanishing and exploding gradients | Deep Learning Tutorial 35 Tensorflow Keras Python

Lesson 108 : **Simple Explanation of LSTM | Deep Learning Tutorial 36 Tensorflow Keras Python**

Lesson 109 :
Simple Explanation of GRU Gated Recurrent Units | Deep Learning Tutorial 37 Tensorflow Python

Lesson 110 : **Bidirectional RNN | Deep Learning Tutorial 38 Tensorflow Keras Python**

Lesson 111 :
Converting words to numbers Word Embeddings | Deep Learning Tutorial 39 Tensorflow Python

Lesson 112 :
Word embedding using keras embedding layer | Deep Learning Tutorial 40 Tensorflow Keras Python

Lesson 113 :
What is Word2Vec A Simple Explanation | Deep Learning Tutorial 41 Tensorflow Keras Python

Lesson 114 :
Word2Vec Part 2 | Implement word2vec in gensim | | Deep Learning Tutorial 42 with Python

Lesson 115 :
Distributed Training On NVIDIA DGX Station A100 | Deep Learning Tutorial 43 Tensorflow Python

Lesson 116 :
Tensorflow Input Pipeline | tf Dataset | Deep Learning Tutorial 44 Tensorflow Keras Python

Lesson 117 :
Optimize Tensorflow Pipeline Performance prefetch cache | Deep Learning Tutorial 45 Tensorflow

Lesson 118 : **What is BERT | Deep Learning Tutorial 46 Tensorflow Keras Python**

Lesson 119 :
Text Classification Using BERT Tensorflow | Deep Learning Tutorial 47 Tensorflow Keras Python

Lesson 120 :
tf serving tutorial | tensorflow serving tutorial | Deep Learning Tutorial 48 Tensorflow Python

Lesson 121 : **Quantization in deep learning | Deep Learning Tutorial 49 Tensorflow Keras Python**

Related courses

React Projects Workshops

Node js back end JavaScript

Python programming language

Social Network Theme UI With Sass

Full Stack React Django

Build a Node js App With Sequelize

for Business Contact
business@mindluster.com