Machine Learning Tutorial Python | Machine Learning For Beginners |

codebasics - <https://youtube.com/playlist?list=PLeo1K3hjS3uvCeTYTeyfe0-rN5r8zn9rw&si=anRN-Qz3vJ97RIQj>

＞﹏＜ topics that I covered from this video ＞﹏＜

What is Machine Learning?

Linear Regression Single Variable

Linear Regression Multiple Variables

Gradient Descent and Cost Function

Save Model Using Joblib And Pickle

Dummy Variables & One Hot Encoding

Training and Testing Data

Logistic Regression (Binary Classification)

Logistic Regression (Multiclass Classification)

Decision Tree

Support Vector Machine (SVM)

Random Forest

K Fold Cross Validation

K Means Clustering Algorithm

Naive Bayes Classifier Algorithm

Hyper parameter Tuning (GridSearchCV)

L1 and L2 Regularization | Lasso, Ridge Regression

K nearest neighbors classification with python code

Principal Component Analysis (PCA) with Python Code

Bias vs Variance In Machine Learning

Ensemble Learning – Bagging

feature engineering

complete machine learning course in 60 hours | siddhardhan –

<https://www.youtube.com/watch?v=LcWFedjaR4Q&list=PLfFghEzKVmjvII5ZcBnFWQOUjtUVdDnmo&index=2>

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AI vs ML vs DL

Types of Machine Learning

Supervised Learning & its Types

Unsupervised Learning & its Types

Deep Learning

Google Colaboratory - basics

Python Basics

Basic Data types in Python

List, Tuple, Set, Dictionary

Operators in Python

If Else Statement in Python

Loops in Python

Functions in Python

Numpy Tutorial

Pandas Tutorial

Matplotlib Tutorial

Seaborn Tutorial

Data Collection for ML

Importing datasets through Kaggle API

Handling Missing Values

Data Standardization

Label Encoding

Train Test Split

Handling Imbalanced Dataset

Feature Extraction of Text data

Numerical dataset processing

Textual data Processing

ML Use case 1: Rock vs Mine Prediction

ML Use case 2: Diabetes Prediction

ML Use case 3: Spam Mail Prediction