Use these projects

Navigation Menu Data-Science-Projects

Code Issues Collection of data science projects in Python

2.2k stars 537 forks 37 watching 1 Branch 0 Tags Activity Public repository veb-101/Data-Science-Projects Name veb-101 veb-101 3 years ago Basic 5 years ago Data Preprocessing, Cleaning & Transformation 3 years ago .gitattributes 5 years ago .gitignore 5 years ago README.md 5 years ago Repository files navigation README Data Science Projects This is a compiled list of different project topics for learning purposes The main purpose of this list is to get hands-on experience on different topics. Sr. No. Project Resource link Completed BASIC 1 Sentiment Analysis Amazon reviews dataset Amazon reviews dataset Twitter Sentiment analysis - Medium Twitter Sentiment analysis - analytics vidhya ☐ ☐ ☐ ☐ 2 Fake News detection Detecting Fake News ☐ 3 Detecting Parkinsons's Disease Disease detection using XGBoost pyimagesearch - Detecting Parkinsons's Disease ☐ ☐ 4 Color Detection OpenCV Project ☐ 5 Iris Data Set - Predict the class of the flower many - analytics vidhya ☑ 6 Loan Prediction - Predict if a loan will get approved or not. many - analytics vidhya ☐ 7 BigMart Sales Dataset - Predict the sales of a store. many - analytics vidhya ☐ 8 House Price Regression kaggle ☑ 9 Wine quality - Predict the quality of the wine. Kaggle kernel ☐ 10 Heights and Weights Dataset - Predict the height or weight of a person Study of height versus weight ☐ 11 Email Classification youtube ☐ 12 Titanic dataset Comprehensive data exploration with Python- Kaggle Titanic Data Science Solutions - Kaggle Data ScienceTutorial for Beginners - Kaggle Introduction to Ensembling/Stacking in Python - Kaggle A Data Science Framework: To Achieve 99% Accuracy - Kaggle Stacked Regressions : Top 4% on LeaderBoard - Kaggle An Interactive Data Science Tutorial - Kaggle EDA To Prediction(DieTanic) - Kaggle Titanic: Machine Learning from Disaster - Kaggle ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Intermediate 1 Speech Emotion Recognition Speech Emotion Recognition with librosa ☐ 2 Gender and Age Detection pyimagesearch - Age Detection with deep learning learnopencv - Gender & Age Classification using OpenCV Deep Learning DataFlair - Gender and Age Detection with OpenCV analytics vidhya - Age Detection ☐ ☐ ☐ 3 Driver Drowsiness detection Real-time facial landmark detection Eye blink detection Drowsiness detection with OpenCV DataFlair - System with OpenCV & Keras ☐ ☐ ☐ ☐ 4 Basic Chatbot chatbot using NLTK & Keras ☐ 5 Handwritten Digit Recognition Handwritten Digit Recognition kaggle - Digit Recognition-Tutorial (CNN) ☐ ☐ 6 Black Friday Dataset - Predict purchase amount. github ☐ 7 Trip History Dataset - Predict the class of user. analytics vidhya ☐ 8 Song recommendation Medium - Simple song recommender system Medium - A Simple Song Recommender System in Python analytics vidhya - Guide to song recommendation system Youtube - Building Recommender Systems Using Python Youtube - Music Search and Recommendation from Millions of Songs ☐ ☐ ☐ ☐ ☐ 9 Handwritten Text Recognition Build a Handwritten Text Recognition System using TensorFlow ☐ 10 Sentiment analysis - IMDB movie review dataset tensorflow ☐ 11 Text generation - Shakespeare tensorflow ☐ 12 Sign language MNIST classification kaggle - Deep learning using sign langugage kaggle - CNN using Keras ☐ ☐ Advanced 1 Image Captioning Image Captioning with visual Attention ☑ 2 Credit Card Fraud Detection geeksforgeeks - Credit Card Fraud Detection Kaggel kernels Google search results ☐ ☐ ☐ 3 Recommendation System Recommendation Systems RECOMMENDATION SYSTEM Medium - Movie recommendation kaggel - Movies Recommender System Quick Guide to Build a Recommendation Engine in Python & R ☐ ☐ ☐ ☐ 4 Customer Segmentation Customer Segmentation by RFM clustering kaggle - Customer Segmentation Customer Segmentation by KMeans KDnuggets - Beginner's Guide to Customer Segmentation KDnuggets - Customer Segmentation Using K Means Clustering Customer Segmentation: A Technical Guide ☐ ☐ ☐ ☐ ☐ ☐ 5 Breast Cancer Classification pyimagesearch - Breast cancer classification with Keras and Deep Learning Dataflair - Breast Cancer Classification ☐ ☐ 6 Traffic Signs Recognition pyimagesearch - Traffic Sign Classification with Keras and Deep Learning ☑ 7 Urban Sound

Classification Audio Data Analysis using Deep Learning ☐ 8 Human Activity Recognition MLM - Deep Learning Models for Human Activity Recognition Human Activity Recognition with OpenCV and Deep Learning ☐ ☐ 9 Covid-19 pyimagesearch - Covid-19 in X-ray images pyimagesearch - Mask detection rubiks-code Detection of COVID-19 in chest X-Rays with Deep Learning ☐ ☐ ☐ 10 Video classification pyimagesearch ☐ 11 Fire and smoke detection pyimagesearch ☐ 12 Detecting Natural Disasters pyimagesearch ☐ 13 Anonymizing faces pyimagesearch ☐ 14 Text Summarization list of links ☐ 15 Deep Dream and Style Transfer list of links ☐