Twitter Thread by Mayank Joshi



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10 Machine Learning Projects for Beginners with Source code and datasets

A Thread ■

1. Stock Price Prediction

The project is about predicting future stock returns based on the past returns and numerical news indicators by examining different forecasting techniques to construct a portfolio of multiple stocks to diversify the risk.

https://t.co/HwpjS08JGB

2. Wine Quality Testing

The wine quality test project compares wines based on their physicochemical tests like alcohol content, fixed acidity, density, pH, and more.

https://t.co/cmRZhA4UR9

3. Sentiment Analysis

A sentiment analyzer learns about various sentiments post of the user on social media. Data generated by Platforms like Facebook, Reddit, YouTube, Twitter is mined to understand trends, public sentiments and opinions.

https://t.co/BeRCIT44x9

4. Handwritten Character Recognition

The handwritten character recognition project requires modeling of neural networks to detect and recognize handwritten characters like alphabets and number.

https://t.co/9i7xOGVvR0

5. Iris Flower Classification

The goal of this project is to classify the flowers into 3 species: virginia, setosa, versicolor. The project uses Iris flower dataset for classification tasks.

https://t.co/2Ae52PD8HO

6. Writing Machine Learning Algorithms from Scratch

This project would allow you to learn to transform mathematical instructions into functional code.

https://t.co/eGBBOpbzIf

7. Barbie with Brains

Through NLP and some concepts of voice assistants Barbie can be trained to interact with children in logical conversation.

https://t.co/D55vsOdXI1

8. Movie Recommendation with MovieLens Dataset

This project uses MovieLens dataset and can be coded in Python or R. It proves to be an excellent project for the beginners to add to the portfolio.

https://t.co/5kjXNODEk0

9. Healthcare Application

Introducing Machine Learning in healthcare could automate things thus taking alternative workload of the medical staff.

https://t.co/hxuiqGMSYF

10. Uber Data Analysis

The project aims to improve the effectiveness of customer support with deep learning techniques. Uber has a dataset of millions of pick up to analyze the customer rides and further improve customer experience.

https://t.co/YHCyDaGaSk

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■■ https://t.co/ATZFhGAmYP

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■■ https://t.co/Ou8oETcWQO