Twitter Thread by Learn Python With Rune

Learn Python With Rune
@PythonWithRune

Top 10 Data Science Projects with Python

✔■ 10 Datasets
✔■ 10 Projects with solution

■■

1■■ Project: Detecting Spam

✔■ Big email dataset
✔■ 35.000+ spam and ham messages
✔■ Learn how to filter

https://t.co/wvNSeFSbmr

Solution ■■

1■■ Solution: Detecting Spam

✔■ How to build a spam filter
✔■ Using Scikit-learn
✔■ Naive-Bayes and SVM

■■

https://t.co/sHI1PAG6Do

2■■ Project: Music Recommendation

✔■ Million Song Dataset
✔■ Metadata for a million songs

https://t.co/QgdSdIYnVV

Solution ■■

2■■ Solution: Music Recommendation

✔■ Using Tableau
✔■ Collaborative-filtering engine
✔■ Similar to YouTube music

https://t.co/UEKWHSdfc0

3■■ Project: House Price Prediction

✔■ California Housing Data
✔■ Great beginner Data Science project

https://t.co/73GBMD1hRc

Solution ■■

3■■ Solution: House Price Prediction

✔■ Full 10-step workflow
✔■ Solution inspired by Handson-ML book
✔■ Great training tutorial

https://t.co/NKW8r5AQkp

■■

4■■ Project: NBA Analytics

✔■ Is 2-for-1 play in basketball an advantage?
✔■ Data scraped from Basketball-Reference

https://t.co/haS5rpdUWl

Solution ■■

4■■ Solution: NBA Analytics

✔■ Use Seaborn for heatmap
✔■ Use SciPy for stats
✔■ Includes a scraper

■■

https://t.co/Cj5FdUDGRT

5■■ Project: Movie Review Sentiment

✔■ IMDB movie review dataset
✔■ 50,000+ reviews

https://t.co/O4nzHayMU1

Solution ■■

5■■ Solution: Movie Review Sentiment

✔■ Predict positive and negative reviews
✔■ Sentiment classification model
✔■ Use NLTK

https://t.co/mbuJMPz922

■■

6■■ Project: Face Swapping

✔■ Swap one face to another
✔■ Great for learning OpenCV

Solution ■■

6■■ Solution: Face Swapping

✔■ Use OpenCV
✔■ 8 step tutorial
✔■ Landmark points on images

■■

https://t.co/PGhKTGdHfb

7■■ Project: Fake News Detection

✔■ Scrape News
✔■ Learn how to detect Fake News

Solution ■■

https://t.co/cqoZiSFuPG

7■■ Solution: Fake News Detection

✔■ Use Natural Language Processing
✔■ Includes dataset
✔■ Learn to clean data

■■

https://t.co/bj9gbaUTOV

8■■ Project: Chatbot from Scratch

✔■ Make your own Chatbot
✔■ Use NLTK and Keras
✔■ Solution in project

■■

https://t.co/62d69VB0p4

9■■ Project: Forest Fire Damage

✔■ Forest Fire Dataset
✔■ Predict the burned areas of forest fires
✔■ Use meteorological data

Solution ■■

https://t.co/TrcBUOxj7u

9■■ Solution: Forest Fire Damage

✔■ Use Seaborn for visualization
✔■ Learn statistical approach
✔■ Feature Selection techniques

■■

https://t.co/0t8IdpyzRf

■ Project: Cheap Housing on Craiglist

✔■ Scrape your own data
✔■ Use Scrapy
✔■ Solution in project

■■

https://t.co/IDvZVLcqjl

Thank you for reading.

If you like the post
✔■ Like
✔■ Follow
✔■ Retweet