BDA 2021/22 Datasets for projects

more details at this link:

https://bit.ly/3zuF1Kw

List of datasets

- India House Price Prediction
- Mushroom Classification
- No-Show Appointments
- The Movies Dataset
- Rental Bike
- Chicago Taxi
- Police Killings
- Ethereum Fraud

Module 3: laboratory for interactive project development

- Create teams of "data analysts"
- Choose a dataset among those proposed
- 1. October: 1st Mid Term (Data Understanding and Project Formulation)
- 2. November: 2nd Mid Term (Model implementation and evaluation)
- 3. December: 3rd Mid Term (Model interpretation and explanation)
- 4. January: Exam (Final Project results)

Building Teams...

 Register your team by September 29th (3 or 4 members)

https://forms.gle/UWLUp11QNVCPBgSZ6

 Write me an email if you cannot find any team

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No-Show Appointments

13 variables (gender, age, SMS received, booking date, appointment date, place, etc.)

1 target: show or no-show

≈ 110,000 records

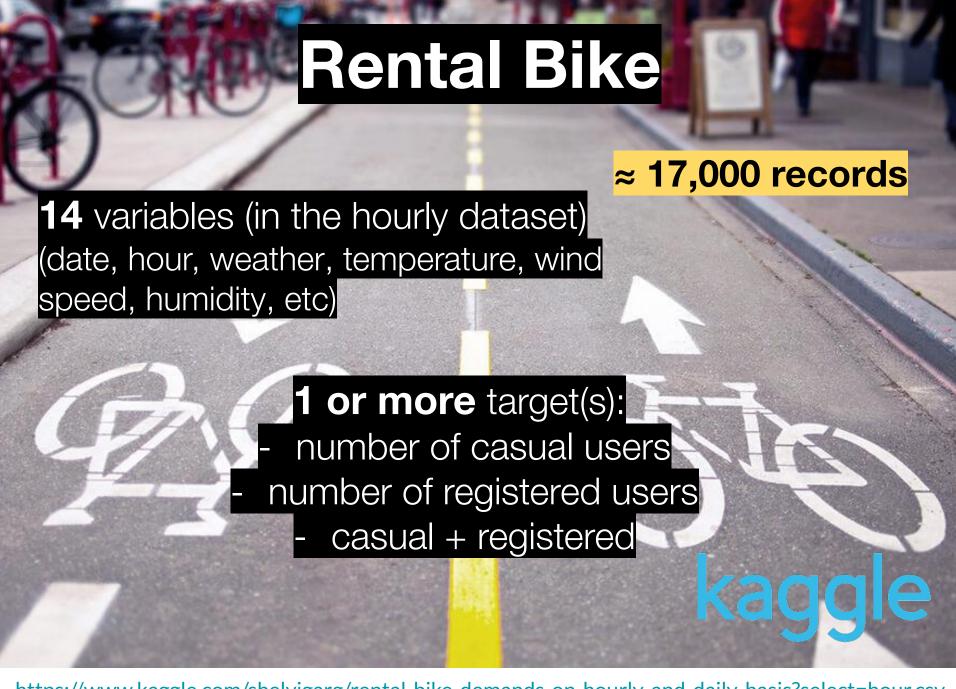
kaggle

The Movies Dataset

several variables (cast, crew, plot keywords, budget, revenue, posters, release dates, adult, etc) ≈ 45,000 records

1 or more target(s): vote average - revenue - popularity

kaggle





<u>https://www.kaggle.com/chicago/chicago-taxi-trips-bq</u>
https://data.cityofchicago.org/Transportation/Taxi-Trips/wrvz-psew/data



Ethereum Fraud

50 variables which describe the transaction

kaggle

1 target: fraud or no-fraud

- imbalanced dataset

≈ 10,000 records