

An aerial photograph of a dense city skyline, likely New York City, taken from a high vantage point. The image shows a multitude of skyscrapers and buildings, with the sun setting or rising, creating a warm, golden light across the scene. The sky is a mix of orange, yellow, and blue. The text is overlaid on the left side of the image.

Introduction to Kaggle, Github and Kedro

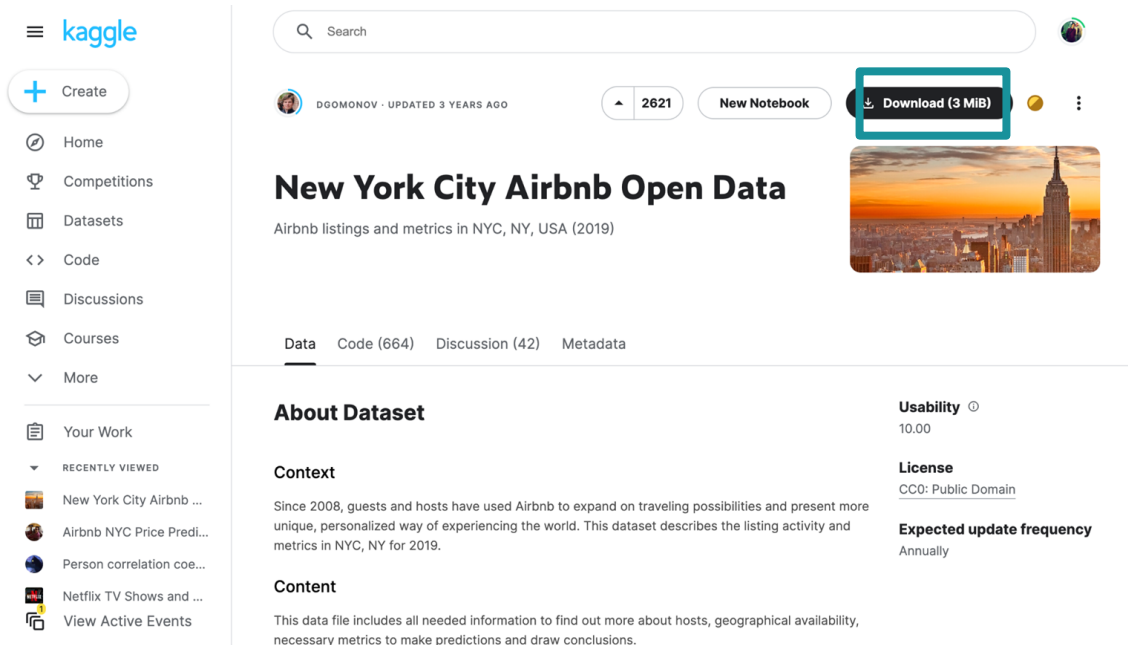
Case Study

Mengunduh Dataset Kaggle

Dataset yang tersedia di kaggle dapat diunduh dengan metode:

1. Unduh dari website
2. Unduh dengan API kaggle (kaggle datasets download -d [DATASET])

*<https://www.kaggle.com/docs/api>



The screenshot shows the Kaggle website interface. On the left is a sidebar with navigation links: Home, Competitions, Datasets, Code, Discussions, Courses, More, Your Work, and Recently Viewed. The main content area displays the dataset 'New York City Airbnb Open Data' by user 'DGOMONOV', updated 3 years ago, with 2621 views. A red box highlights the 'Download (3 MiB)' button. Below the dataset title is a description: 'Airbnb listings and metrics in NYC, NY, USA (2019)'. There are tabs for Data, Code (664), Discussion (42), and Metadata. The 'About Dataset' section includes a 'Context' paragraph and a 'Content' paragraph. On the right, there are sections for 'Usability' (10.00), 'License' (CC0: Public Domain), and 'Expected update frequency' (Annually).

Dataset Details:

- Dataset Name:** New York City Airbnb Open Data
- Description:** Airbnb listings and metrics in NYC, NY, USA (2019)
- Author:** DGOMONOV
- Updated:** 3 YEARS AGO
- Views:** 2621
- Download:** Download (3 MiB)

About Dataset

Context

Since 2008, guests and hosts have used Airbnb to expand on traveling possibilities and present more unique, personalized way of experiencing the world. This dataset describes the listing activity and metrics in NYC, NY for 2019.

Content

This data file includes all needed information to find out more about hosts, geographical availability, necessary metrics to make predictions and draw conclusions.

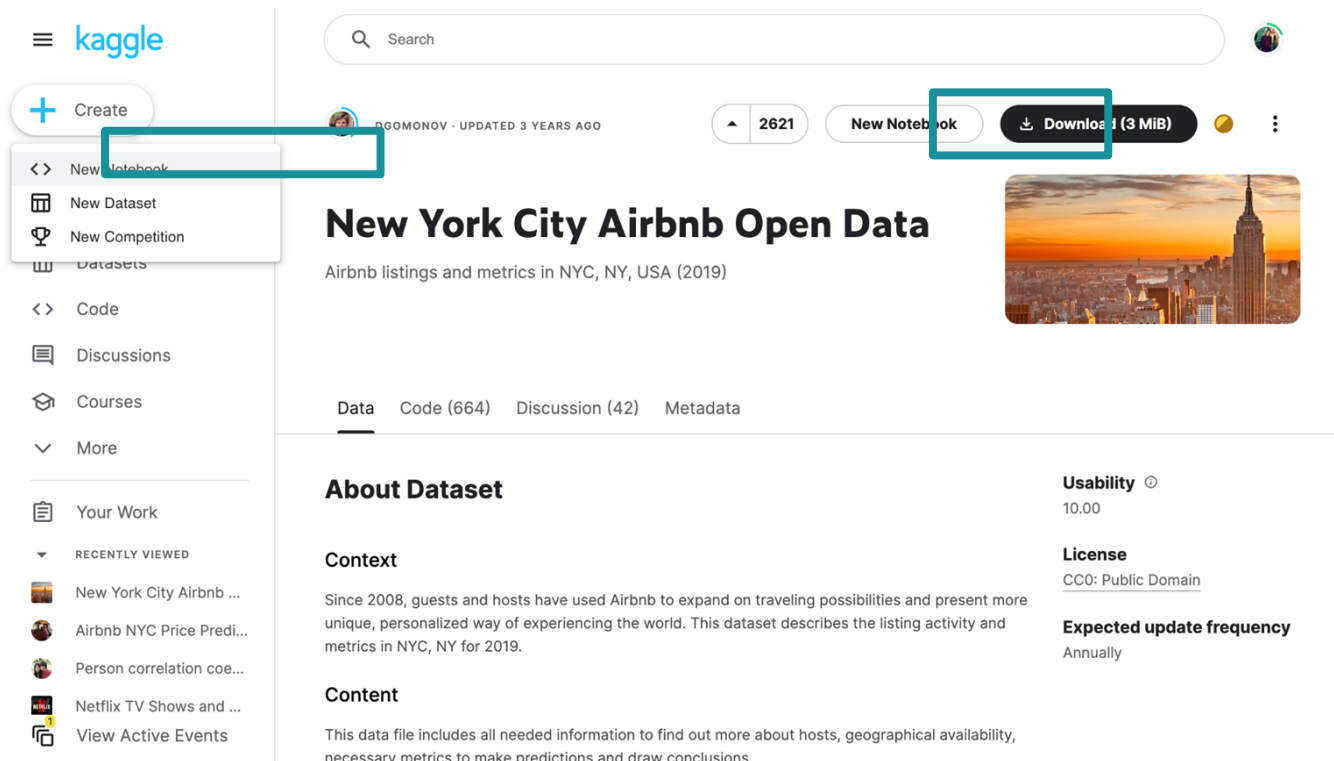
Usability 10.00

License CC0: Public Domain

Expected update frequency Annually

Menjalankan Notebook Menggunakan Kaggle

Dua metode untuk dapat menjalankan notebook dengan kaggle



The screenshot shows the Kaggle homepage. On the left is a sidebar with navigation options: Create, New Notebook, New Dataset, New Competition, Datasets, Code, Discussions, Courses, More, Your Work, and Recently Viewed. The 'New Notebook' option is highlighted with a red box. In the top right, there is a search bar and a 'New Notebook' button, also highlighted with a red box. Below the search bar, the user profile 'DOOMONOV' is shown with a '2621' badge. The main content area features the 'New York City Airbnb Open Data' dataset, which includes a description, tabs for Data, Code (664), Discussion (42), and Metadata, and sections for 'About Dataset', 'Context', 'Content', 'Usability' (10.00), 'License' (CC0: Public Domain), and 'Expected update frequency' (Annually).

Kaggle

Create

New Notebook

New Dataset

New Competition

Datasets

Code

Discussions

Courses

More

Your Work

RECENTLY VIEWED

New York City Airbnb ...

Airbnb NYC Price Predi...

Person correlation coe...

Netflix TV Shows and ...

View Active Events

Search

DOOMONOV · UPDATED 3 YEARS AGO

2621

New Notebook

Download (3 MiB)

New York City Airbnb Open Data

Airbnb listings and metrics in NYC, NY, USA (2019)

Data Code (664) Discussion (42) Metadata

About Dataset

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Usability

10.00

License

CC0: Public Domain

Expected update frequency

Annually

Menjalankan Notebook Menggunakan Kaggle

The screenshot shows a Kaggle Notebook titled "Airbnb NYC Price Prediction - Alifi...". The interface includes a top bar with "File", "Edit", "View", "Run", "Add-ons", and "Help" menus. A "Share" button and a "Save Version 1" button are also present. The main editor area contains a code cell with the following text:

```
# This Python 3 environment comes with many helpful analytics libraries installed
# It is defined by the kaggle/python Docker image: https://github.com/kaggle/docker-python
# For example, here's several helpful packages to load

# Input data files are available in the read-only "../input/" directory
# For example, running this (by clicking run or pressing Shift+Enter) will list all files under the input directory

import os
for dirname, _, filenames in os.walk('/kaggle/input'):
    for filename in filenames:
        print(os.path.join(dirname, filename))

# You can write up to 20GB to the current directory (/kaggle/working/) that gets preserved as
# You can also write temporary files to /kaggle/temp/, but they won't be saved outside of the
session
```

Below the code cell, the file paths are listed:

```
/kaggle/input/new-york-city-airbnb-open-data/AB_NYC_2019.csv
/kaggle/input/new-york-city-airbnb-open-data/New_York_City_.png
```

Buttons for "+ Code" and "+ Markdown" are visible. The right sidebar shows the "Data" section with "Input" files: "new-york-city-airbnb-open-da..." and "AB_NYC_2019.csv". The "Output (60KB / 19.5GB)" section shows the file path "/kaggle/working". The "Settings" section includes "Schedule a notebook run". The "Code Help" section has a search bar for "Find Code Help".

At the bottom, a console area shows the output of the code cell:

```
[3]: import pandas as pd
import numpy as np
```