**Runnable on Jupyter Notebook (Python Platforms)**

**Instruction/Coding**

**To search, download, read, and write Datasets/Bigdata**

**from** [**Kaggle**](https://medium.com/analytics-vidhya/fetch-data-from-kaggle-with-python-9154a4c610e3)

# Fetch data from Kaggle with Python

# <https://medium.com/analytics-vidhya/fetch-data-from-kaggle-with-python-9154a4c610e3>

# Create account and take the API token from Kaggle

# [Using the Kaggle API](https://medium.com/mcd-unison/using-the-kaggle-api-e43e902fba23)

# [Set Up Kaggle API](https://lindevs.com/set-up-kaggle-api/)

# Search for your interested data and copy the link

# If you have anu questions, pleas contact me, alireza.ghaffari@georgian.college.ca

**# Libraries need to be imported**

import os

import pandas as pd

import json

from zipfile import ZipFile

from kaggle.api.kaggle\_api\_extended import KaggleApi

api = KaggleApi()

api.authenticate()

**# Download a zip file (\*.csv)**

api.competition\_download\_files('titanic')

**# Unzip and save the file in your local system**

zf = ZipFile('titanic.zip')

zf.extractall('C:\QGIS-Barrie\data') #save files in selected folder

zf.close()

**# Downloading datasets for COVID-19 data**

api.dataset\_download\_files('imdevskp/corona-virus-report')

api.dataset\_download\_file('imdevskp/corona-virus-report','covid\_19\_clean\_complete.csv')

zf = ZipFile('covid\_19\_clean\_complete.csv.zip')

#extracted data is saved in the same directory as notebook

zf.extractall('C:\QGIS-Barrie\data')

zf.close()

**# Read downloaded data**

data=pd.read\_csv('C:\QGIS-Barrie\data\covid\_19\_clean\_complete.csv')

# Write data on your console

Data

**Continue with more processing on downloaded Datasets/Bigdata**

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