

LAMPIRAN

Lampiran 1. *Script Crawling Data Twitter*

```

#@title Twitter Auth Token

twitter_auth_token = '0d6e8e17b93395c0943c817c3fb81155d9d1e9c9'

# Import required Python package
!pip install pandas

# Install Node.js (because tweet-harvest built using Node.js)
!sudo apt-get update
!sudo apt-get install -y ca-certificates curl gnupg
!sudo mkdir -p /etc/apt/keyrings
!curl -fsSL https://deb.nodesource.com/gpgkey/nodesource-repo.gpg.key | sudo gpg --dearmor -o /etc/apt/keyrings/nodesource.gpg

!NODE_MAJOR=20 && echo "deb [signed-by=/etc/apt/keyrings/nodesource.gpg] https://deb.nodesource.com/node_${NODE_MAJOR}.x nodistro main" | sudo tee /etc/apt/sources.list.d/nodesource.list

!sudo apt-get update
!sudo apt-get install nodejs -y

!node -v

# Crawl Data

filename = 'fanboynct.csv'
search_keyword = 'fanboy nct lang:id until:2023-04-03 since:2022-10-03'
limit = 1500

!npx --yes tweet-harvest@2.2.8 -o "{filename}" -s "{search_keyword}" -l {limit} --token {twitter_auth_token}

```

Welcome to the Twitter Crawler ✨

This script uses Chromium Browser to crawl data from Twitter with *your* Twitter auth token. Please enter your Twitter auth token when prompted.

Note: Keep your access token secret! Don't share it with anyone else.

Note: This script only runs on your local device.

up to date, audited 4 packages in 754ms

found 0 vulnerabilities

Installing dependencies...

Hit:1 <http://archive.ubuntu.com/ubuntu> jammy InRelease

Hit:2 <http://archive.ubuntu.com/ubuntu> jammy-updates InRelease

Hit:3

https://developer.download.nvidia.com/compute/cuda/repos/ubuntu2204/x86_64 InRelease

Hit:4 https://deb.nodesource.com/node_20.x nodistro InRelease

Hit:5 <http://archive.ubuntu.com/ubuntu> jammy-backports InRelease

Hit:6 <https://cloud.r-project.org/bin/linux/ubuntu> jammy-cran40/ InRelease

Hit:7 <http://security.ubuntu.com/ubuntu> jammy-security InRelease

Hit:8 <https://ppa.launchpadcontent.net/c2d4u.team/c2d4u4.0+/ubuntu> jammy InRelease

Hit:9 <https://ppa.launchpadcontent.net/deadsnakes/ppa/ubuntu> jammy InRelease

Hit:10 <https://ppa.launchpadcontent.net/graphics-drivers/ppa/ubuntu> jammy InRelease

Hit:11 <https://ppa.launchpadcontent.net/ubuntuGIS/ppa/ubuntu> jammy InRelease

Reading package lists... Done

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

fonts-freefont-ttf is already the newest version (20120503-10build1).

fonts-liberation is already the newest version (1:1.07.4-11).

libasound2 is already the newest version (1.2.6.1-1ubuntu1).

libatk-bridge2.0-0 is already the newest version (2.38.0-3).

libatk1.0-0 is already the newest version (2.36.0-3build1).

libatspi2.0-0 is already the newest version (2.44.0-3).

libcairo2 is already the newest version (1.16.0-5ubuntu2).

libfontconfig1 is already the newest version (2.13.1-4.2ubuntu5).

libnspr4 is already the newest version (2:4.32-3build1).

libxcb1 is already the newest version (1.14-3ubuntu3).

libxcompositel1 is already the newest version (1:0.4.5-1build2).

libxdamage1 is already the newest version (1:1.1.5-2build2).

libxext6 is already the newest version (2:1.3.4-1build1).

libxfixes3 is already the newest version (1:6.0.0-1).

libxkbcommon0 is already the newest version (1.4.0-1).

libxrandr2 is already the newest version (2:1.5.2-1build1).

xfonts-scalable is already the newest version (1:1.0.3-1.2ubuntu1).

fonts-ipafont-gothic is already the newest version (00303-21ubuntu1).

fonts-tlwg-loma-otf is already the newest version (1:0.7.3-1).
fonts-unifont is already the newest version (1:14.0.01-1).
fonts-wqy-zenhei is already the newest version (0.9.45-8).
xfonts-cyrillic is already the newest version (1:1.0.5).
fonts-noto-color-emoji is already the newest version (2.038-0ubuntu1).
libcups2 is already the newest version (2.4.10p1-1ubuntu4.7).
libdbus-1-3 is already the newest version (1.12.20-2ubuntu4.1).
libdrm2 is already the newest version (2.4.113-2~ubuntu0.22.04.1).
libfreetype6 is already the newest version (2.11.1+dfsg-1ubuntu0.2).
libgbml is already the newest version (23.0.4-0ubuntu1~22.04.1).
libglib2.0-0 is already the newest version (2.72.4-0ubuntu2.2).
libnss3 is already the newest version (2:3.68.2-0ubuntu1.2).
libpango-1.0-0 is already the newest version (1.50.6+ds-2ubuntu1).
libwayland-client0 is already the newest version (1.20.0-1ubuntu0.1).
libx11-6 is already the newest version (2:1.7.5-1ubuntu0.3).
xvfb is already the newest version (2:21.1.4-2ubuntu1.7~22.04.2).
0 upgraded, 0 newly installed, 0 to remove and 26 not upgraded.

Opening twitter search page...

Found existing file ./tweets-data/fanboynct.csv, renaming to
./tweets-data/fanboynct.old.csv
Scrolling more...

Filling in keywords: fanboy nct lang:id until:2023-04-03 since:2022-10-03

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 17

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 35

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 50

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 65

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 83

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 102

--Taking a break, waiting for 10 seconds...

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 120

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 137

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 154

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 171

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 188

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 208

--Taking a break, waiting for 10 seconds...

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 225

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 243

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 260

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 279

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 298
Scrolling more...

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 315

--Taking a break, waiting for 10 seconds...

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 335

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 355

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 374

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 394

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 413

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 430

--Taking a break, waiting for 10 seconds...

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv
Total tweets saved: 448

Got some tweets, saving to file...
Your tweets saved to: /content/tweets-data/fanboynct.csv

Total tweets saved: 466

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv

Total tweets saved: 484

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv

Total tweets saved: 504

Got some tweets, saving to file...

Your tweets saved to: /content/tweets-data/fanboynct.csv

Total tweets saved: 518

Got some tweets, saving to file...

No more tweets found, please check your search criteria and csv file result

Scrolling more...

Scrolling more...

Scrolling more...

Scrolling more...

Already got 518 tweets, done scrolling...

```
import pandas as pd

# Specify the path to your CSV file
file_path = f"tweets-data/{filename}"

# Read the CSV file into a pandas DataFrame
df = pd.read_csv(file_path, delimiter=";")

# Display the DataFrame
display(df)

# Cek jumlah data yang didapatkan

num_tweets = len(df)
print(f"Jumlah tweet dalam dataframe adalah {num_tweets}.")
```

Jumlah tweet dalam dataframe adalah 517.

Lampiran 2. Hasil *Crawling Data* Twitter

Tautan hasil *crawling data* Twitter

<https://drive.google.com/drive/folders/11UjdevT71XIcpQshKLKkcSsoemgHpcnv?usp=sharing> atau kode QR di bawah.



Lampiran 3. Hasil Pelabelan Data dan *Preprocessing*

Tautan hasil pelabelan data dan *preprocessing*

https://drive.google.com/drive/folders/1y_bxy5J6Uilqz_nqoz2SPr6Vy-SWqQj5?usp=sharing atau kode QR berikut.



Lampiran 4. Hasil Analisis Sentimen *Naïve Bayes Classifier*

Tautan hasil analisis sentimen *Naïve Bayes Classifier*

https://drive.google.com/drive/folders/1Wm9d2wHD1mmXZN_DYIh58y2oW6GCw-SX?usp=sharing atau akses kode QR ini.



Lampiran 5. Kartu Bimbingan


UNIVERSITAS 17 AGUSTUS 1945 (UNTAG) SURABAYA
FAKULTAS ILMU SOSIAL DAN ILMU POLITIK

Program Studi : ♦ Administrasi Publik ♦ Administrasi Bisnis ♦ Ilmu Komunikasi
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 Telp. 031-5991742, 5931800 psw. 159 email : fisp@untag-sby.ac.id

KARTU BIMBINGAN SKRIPSI

Nama : Efrina Ashfadiniyya Ardisavira

NBI 1151700122

Program Studi : ILMU KOMUNIKASI

Dosen Pembimbing I : Dewi Sri Andika Rusmana, S.I Kom., M. Med. Kom

Dosen Pembimbing II : Herlina Kusumaningrum, S. Sos., MA

Judul Skripsi : Analisis Sentimen Komentar Netizen Twitter Terhadap Eksistensi *Fanboy* NCT Menggunakan *Naïve Bayes Classifier*

No	Tanggal	Saran/Perbaikan	Pembimbing	
			Paraf Dospem 1	Paraf Dospem 2
		Bab I - II		
		- Bab IV → berikan penjelasan ter kait dengan Hasil berdasarkan eskalasi (Umah dan dimengerti Masy. umum)		
		Bab I - III di perbaiki isinya sewai dengan hasil bimbingan		
		Bab I - III disempurnakan. Bab IV - V diperbaiki, pembahasan belum dikaitkan teori.		
		ACC Sedang.		



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 Telp. 031-5991742, 5931800 psw. 159 email : fisp@untag-sby.ac.id

No	Tanggal	Saran/Perbaikan	Pembimbing	
			Paraf Dospem 1	Paraf Dospem 2
		Bab IV → diperbaiki & dikaitkan teori		
		Bab IV-V → digempurnakan		
	8/1	ACC Sidang.		

Catatan:

1. Kartu Bimbingan dibawa saat bimbingan
2. Kartu bimbingan diisi oleh Dosen Pembimbing

Bimbingan dinyatakan telah selesai
 Tanggal : 8 Januari 2024

Dosen Pembimbing I,

Herlina

Dosen Pembimbing II,

DEWI SRI A.R.

Lampiran 6. Lembar Revisi Ujian Skripsi

PROGRAM STUDI ILMU KOMUNIKASI
FAKULTAS ILMU SOSIAL DAN ILMU POLITIK
UNIVERSITAS 17 AGUSTUS 1945 SURABAYA

LEMBAR REVISI UJIAN SKRIPSI

Nama : Efrina Ashfadiniyya Ardisavira
NIM : 1151700122
Hari/ Tanggal Ujian : Selasa, 9 Januari 2024
Judul Skripsi : Analisis Sentimen Komentar Netizen Twitter Terhadap Eksistensi Fanboy NCT Menggunakan Naive Bayes Classifier

Catatan Perbaikan:

Pembahasan dengan teori belum dalam.

Surabaya, 25 Januari 2024
Persetujuan Dosen Penguji Telah Revisi/Perbaikan,



Dewi Sri Andika Rusmana, S.I.Kom., M.Med.Kom.

Revisi dari Dosen Penguji,



Dewi Sri Andika Rusmana, S.I.Kom., M.Med.Kom.

Catatan: Bila tidak ada revisi, dosen penguji wajib menuliskan "tidak ada revisi", dan menandatangani di sebelah kanan dan kiri.

PROGRAM STUDI ILMU KOMUNIKASI
FAKULTAS ILMU SOSIAL DAN ILMU POLITIK
UNIVERSITAS 17 AGUSTUS 1945 SURABAYA

LEMBAR REVISI UJIAN SKRIPSI

Name : Efrina Ashfadinyya Ardiasvira

NIM : 1151700122

Hari/ Tanggal Ujian : Selasa, 9 Januari 2024

Judul Skripsi : Analisis Sentimen Komentar Netizen Twitter Terhadap Eksistensi Fanboy NCT Menggunakan Naïve Bayes Classifier

Catatan Perbaikan:

Surabaya,
Persetujuan Dosen Penguji Telah Revisi/Perbaikan,



Mohammad Insan Romadhan, S.I.Kom.,M.Med.Kom

Revisi dari Dosen Penguji,



Mohammad Insan Romadhan, S.I.Kom.,M.Med.Kom

Catatan: Bila tidak ada revisi, dosen penguji wajib menuliskan "tidak ada revisi", dan menandatangani di sebelah kanan dan kiri.

PROGRAM STUDI ILMU KOMUNIKASI
FAKULTAS ILMU SOSIAL DAN ILMU POLITIK
UNIVERSITAS 17 AGUSTUS 1945 SURABAYA

LEMBAR REVISI UJIAN SKRIPSI

Nama : Efrina Ashfadiniyya Ardisavira

NIM : 1151700122

Hari/ Tanggal Ujian : Selasa, 9 Januari 2024

Judul Skripsi : Analisis Sentimen Komentar Netizen Twitter Terhadap Eksistensi Fanboy NCT Menggunakan Naïve Bayes Classifier

Catatan Perbaikan:

- Abstrak.

Surabaya, 9 Januari 2024
Persetujuan Dosen Penguji Telah Revisi/Perbaikan,

Muchamad Rizqi, S.I Kom., M Med.Kom

Revisi dari Dosen Penguji,

Muchamad Rizqi, S.I Kom., M Med.Kom

Catatan: Bila tidak ada revisi, dosen penguji wajib menuliskan "tidak ada revisi", dan menandatangani di sebelah kanan dan kiri.

Lampiran 7. Surat Keterangan Turnitin



UNIVERSITAS 17 AGUSTUS 1945 (UNTAG) SURABAYA
FAKULTAS ILMU SOSIAL DAN ILMU POLITIK
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Jl. Semolowaru No. 45 Surabaya, Telp. (031) 5931800

SURAT KETERANGAN

Nomor: 1235/K/LOD/V/2024

Yang bertanda tangan di bawah ini penanggung jawab Uji Turnitin dari Fakultas Ilmu Sosial dan Ilmu Politik Universitas 17 Agustus 1945 (UNTAG) Surabaya

Nama : Yusuf Hariyoko, S.AP., M.AP

NPP : 20110170735

Dengan ini menerangkan bahwa:

Nama : Efrina Ashfadiniyya Ardisavira

NBI : 1151700122

Berdasarkan hasil uji turnitin untuk Bab 1,4,5 skripsi mahasiswa tersebut telah di bawah 20%.

Surat Keterangan ini di berikan atas permintaan yang bersangkutan untuk "Pendaftaran ujian skripsi".

Demikian surat keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Surabaya, 16 Januari 2024
Kepala Lab. Otoda,

LABORATORIUM OTONOMI DAERAH
UNIVERSITAS 17 AGUSTUS 1945 SURABAYA

Yusuf Hariyoko, S.AP., M.AP