



SB 8016 - Big Data Analytics

Mini Project Report

Name of the Student : SURYA K

Register Number : 211720104151

Year : III

Semester:5

Section: C

Branch: Computer Science and engineering

Course Coordinator : Mr.M.Ashok/Ms.R.Saranya Mini

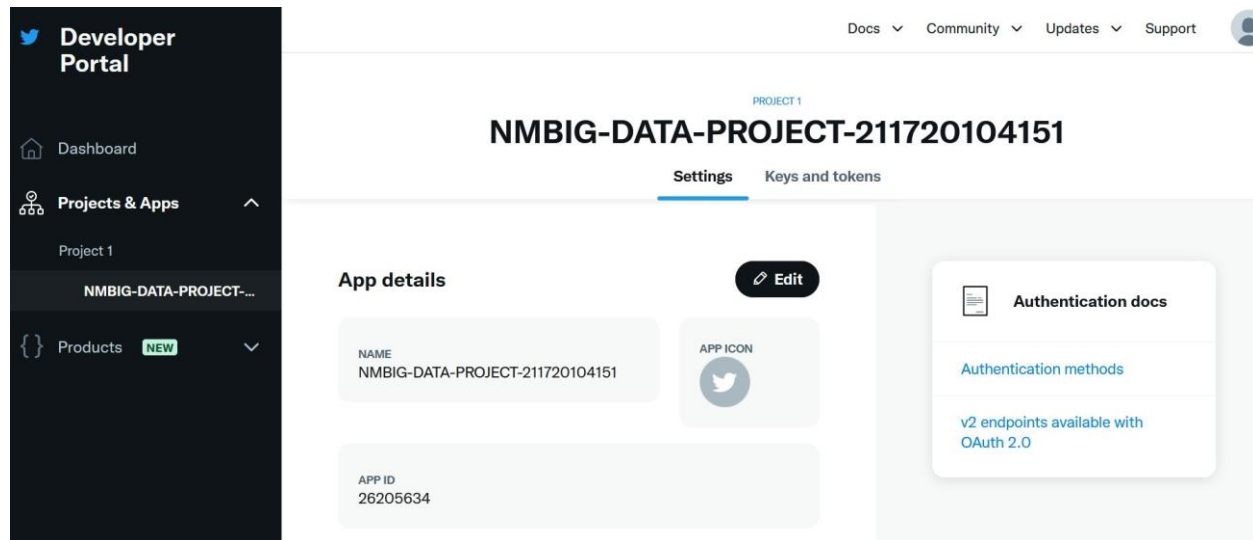
Project Mark Evaluation

S.No	Rubrics	Marks
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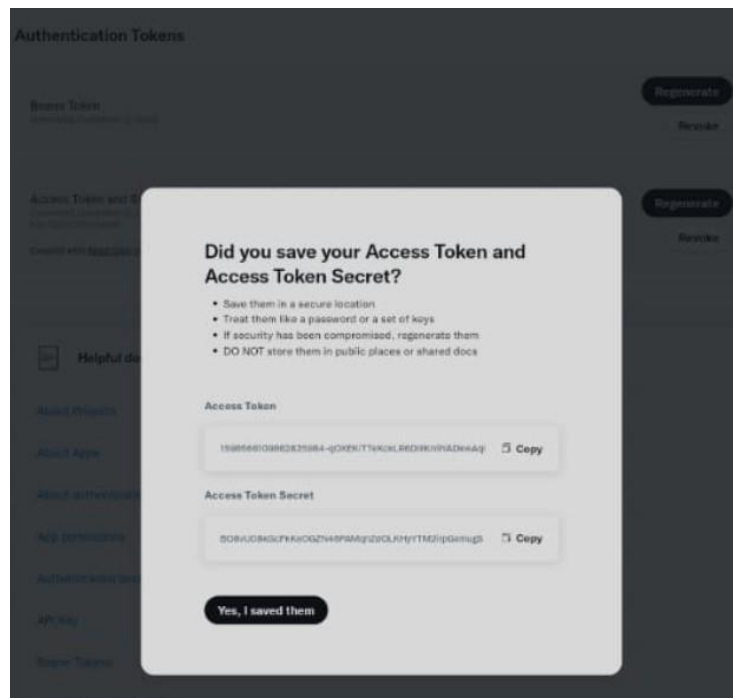
1	Twitter Developer Account Creation	
2	Generating “Consumer API keys”, “Consumer secret”, “Access token,” and “Access token secret”	
3	Creating Flume Configuration file	
4	Writing Flume Command	
5	Twitter Data in HDFS	

Course**Coordinator
Signature**

Twitter Developer Account Creation



Generating “Consumer API keys”, “Consumer secret”, “Access token,” and “Access token secret”



nm2.txt - Notepad

File Edit Format View Help

Api key
tfnKWqdAwFFcCQxMSxgblElyS

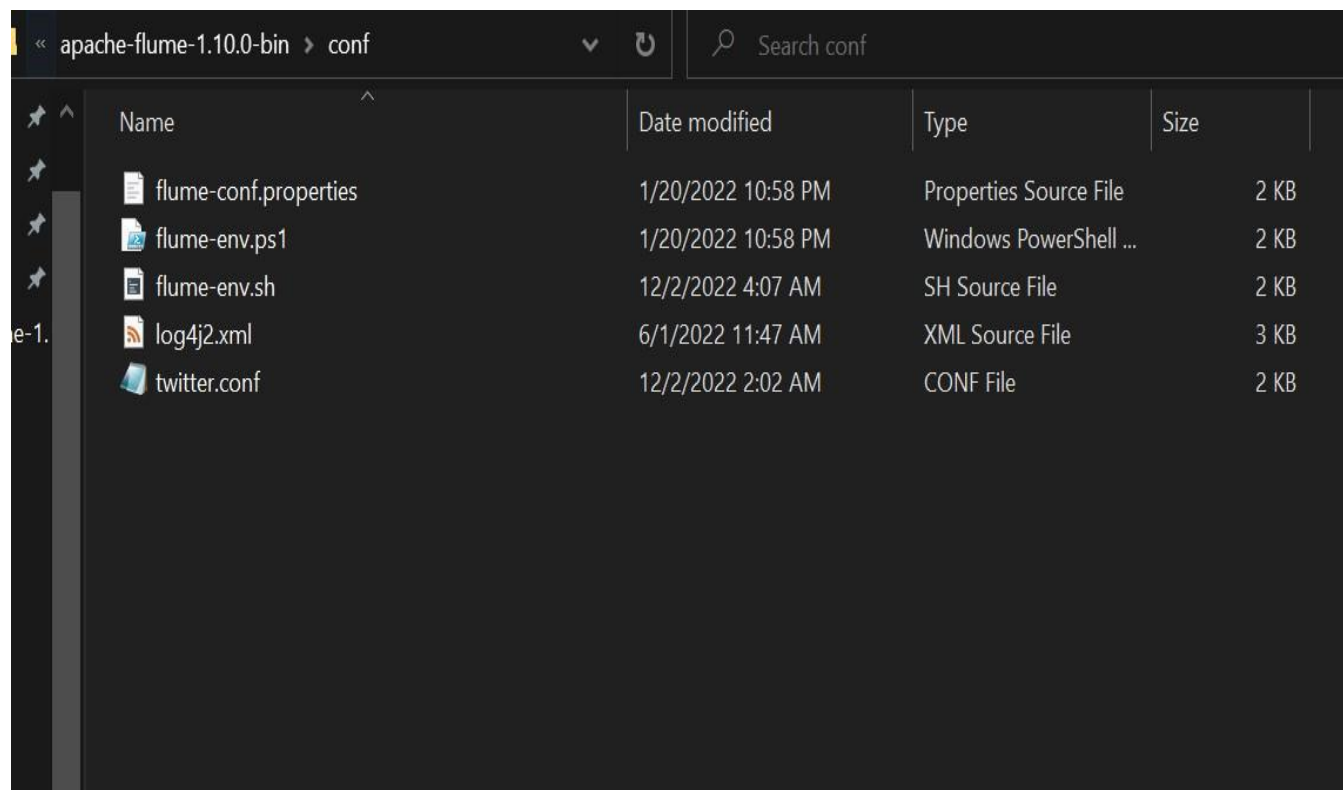
Api key secret
dAsOYp3oFTOxvzMTqJyiSDYTjbxNLhqTTbzK8waBBSC1mMsZ9n

Bearer
AAAAAAAAAAAAAAAAAAAAAMLdjwEAAAAAp8P36Hj0HCpyf%2FxmCnZKh
%2Fysg0%3DnfmDE1UHcLbOt5w87Czhcb3DcjSVr7rEJ7TuicLU5nEncU6iwD

Access token
1598566109862825984-qOXEKiTTeKckLR6DIIKn9YADkwAql

Access token secret
BO8vU08kGcFkKeOGZN46PAMqhZdOLKHyyTM2irpGxmugS

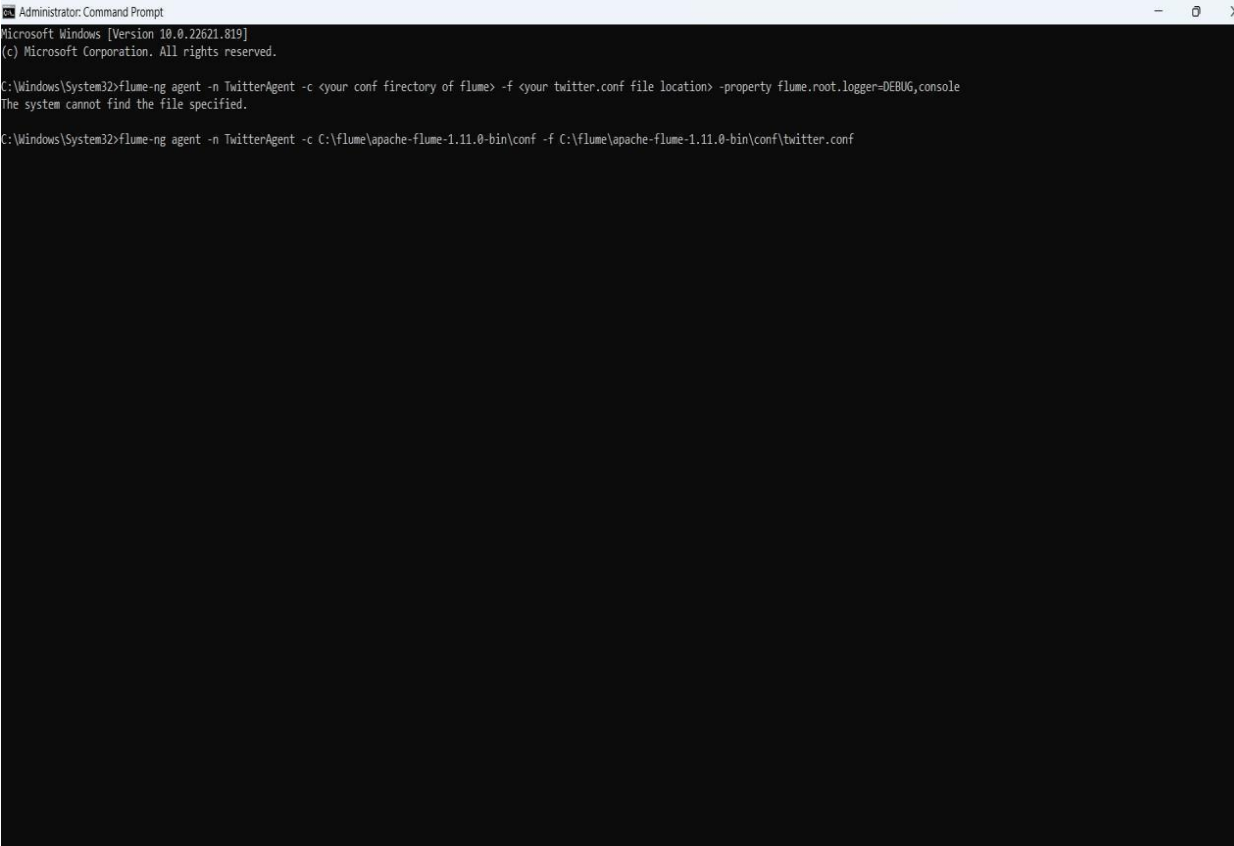
Creating Flume Configuration file



The screenshot shows a file explorer window with the address bar set to 'apache-flume-1.10.0-bin > conf'. The main area displays a list of files with columns for Name, Date modified, Type, and Size. The files listed are 'flume-conf.properties', 'flume-env.ps1', 'flume-env.sh', 'log4j2.xml', and 'twitter.conf'. The 'twitter.conf' file is highlighted.

Name	Date modified	Type	Size
flume-conf.properties	1/20/2022 10:58 PM	Properties Source File	2 KB
flume-env.ps1	1/20/2022 10:58 PM	Windows PowerShell ...	2 KB
flume-env.sh	12/2/2022 4:07 AM	SH Source File	2 KB
log4j2.xml	6/1/2022 11:47 AM	XML Source File	3 KB
twitter.conf	12/2/2022 2:02 AM	CONF File	2 KB

Writing Flume Command



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>flume-ng agent -n TwitterAgent -c <your conf firectory of flume> -f <your twitter.conf file location> -property flume.root.logger=DEBUG,console
The system cannot find the file specified.

C:\Windows\System32>flume-ng agent -n TwitterAgent -c C:\flume\apache-flume-1.11.0-bin\conf -f C:\flume\apache-flume-1.11.0-bin\conf\twitter.conf
```

```

"reply_to_status_id_str":null,"reply_to_status_id":null,"created_at":"Wed Nov 04 18:20:01 +0000 2020","in_reply_to_user_id_str":null,"source":{"a href":"https://mobile.twitter.com/{rel}a=nowfull">Twitter Web App/a},"retweeted_status":{"extended_tweet":{"extended_entities":{"media":[{"display_url":"pic.twitter.com/0nCMZH18","source_user_id":"9971802","type":"video","media_url":"http://pbs.twimg.com/ext_tw_video_thumb/132400323400883714/pu/img/YTEcykvnpZFL5.jpg","source_status_id":"13240032340088375821","url":"https://t.co/0nCMZH18","indices":["140","163"],"sizes":{"small":{"w":"680","h":"383","resize":"fit"},"large":{"w":"1280","h":"720","resize":"fit"},"thumb":{"w":"150","h":"150","resize":"crop"},"medium":{"w":"1200","h":"675","resize":"fit"},"id_str":"132400323400883714","expanded_url":"https://twitter.com/square/status/13240032340088375821/video/1","source_status_id_str":"13240032340088375821","media_url_https":"https://pbs.twimg.com/ext_tw_video_thumb/132400323400883714/pu/img/YTEcykvnpZFL5.jpg","id":"132400323400883714","source_user_id_str":"9971802","additional_media_info":{"monetizable":false},"video_info":{"aspect_ratio":16.9,"duration_millis":111640,"variants":[{"content_type":"application/x-pngurl","url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/0nqz-EehmCP67.nsubtag-10","content_type":"video/mp4","bitrate":256000,"url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/48bx276ndkVCSiUURkTke.n47tag-10","content_type":"video/mp4","bitrate":832000,"url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/640x360gdf8rGehXQhga.n47tag-10","content_type":"video/mp4","bitrate":2176000,"url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/1280x720h7sWt6TzjP5f4.n47tag-10"}]}]},"entities":{"urls":[{"hashtag":{"indices":["58","109"],"text":"Elections2020"}],"media":[{"display_url":"pic.twitter.com/0nCMZH18","source_user_id":"9971802","type":"video","media_url":"http://pbs.twimg.com/ext_tw_video_thumb/132400323400883714/pu/img/YTEcykvnpZFL5.jpg","source_status_id":"13240032340088375821","url":"https://t.co/0nCMZH18","indices":["140","163"],"sizes":{"small":{"w":"680","h":"383","resize":"fit"},"large":{"w":"1280","h":"720","resize":"fit"},"thumb":{"w":"150","h":"150","resize":"crop"},"medium":{"w":"1200","h":"675","resize":"fit"},"id_str":"132400323400883714","expanded_url":"https://twitter.com/square/status/13240032340088375821/video/1","source_status_id_str":"13240032340088375821","media_url_https":"https://pbs.twimg.com/ext_tw_video_thumb/132400323400883714/pu/img/YTEcykvnpZFL5.jpg","id":"132400323400883714","source_user_id_str":"9971802","additional_media_info":{"monetizable":false},"video_info":{"aspect_ratio":16.9,"duration_millis":111640,"variants":[{"content_type":"application/x-pngurl","url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/0nqz-EehmCP67.nsubtag-10","content_type":"video/mp4","bitrate":256000,"url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/48bx276ndkVCSiUURkTke.n47tag-10","content_type":"video/mp4","bitrate":832000,"url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/640x360gdf8rGehXQhga.n47tag-10","content_type":"video/mp4","bitrate":2176000,"url":"https://video.twimg.com/ext_tw_video/132400323400883714/pu/pl/1280x720h7sWt6TzjP5f4.n47tag-10"}]}]},"text":"\u00c3\u00a9 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