User Guide To Run Sample Code

Developer Portal: Step 1
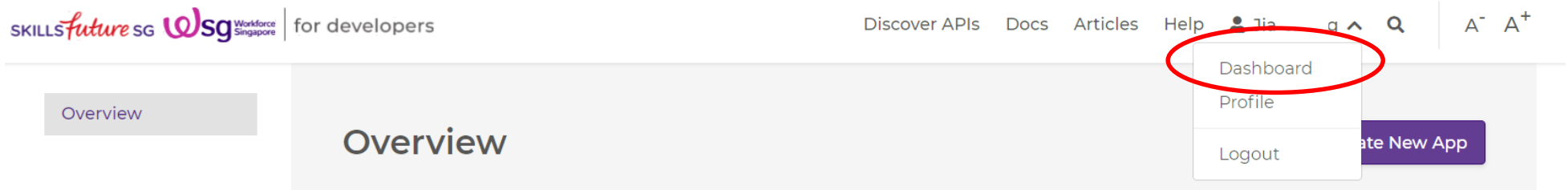
- Step 1.1

❖ Go to developer portal https://developer.ssg-wsg.sg/webapp/home

❖ Then Create or log in your Github account
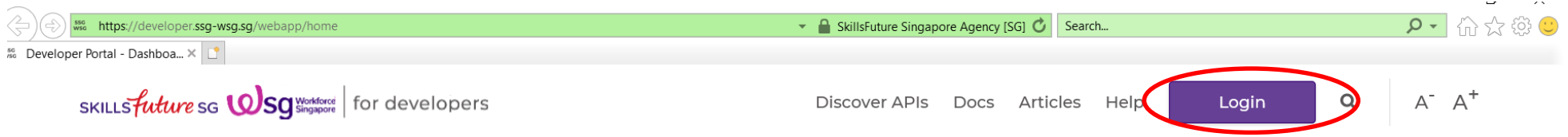
- Step 1.2

❖ After log in with your GitHub account

❖ Click your profile and select Dashboard

Developer Portal : Step 2 (Create New App)

- Step 2.1

❖ Click the Create New App

Create New App

Create New App
Application Information

App Name

Description

- Step 2.2

❖ Type any App Name and description you want to input

❖ Select Authentication: Open.

❖ Then Click Create

Authentication ⓘ
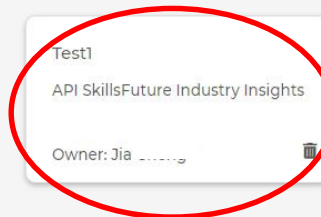
🔵 Open

⚪ Certificate

Cancel   **Create**

Developer Portal : Step 3 (Overview)

- Step 3.1

❖ Click the overview App you have created

Overview

Overview

Test1

API SkillsFuture Industry Insights

Owner: Jia ......

- Step 3.2

❖ It shows 3 categories.

- Summary: Add APIs

- Credentials: Generate your own new Credential username and password

- Subscriptions: Shows the APIs that you have added

Dashboard / Test1

Summary

Credentials

Subscriptions

Developer Portal : Step 4
(Add APIs)

- Step 4.1

❖ Select one of any of the 4 categories and then select any APIs you want to explore

❖ Then click Add APIs – it will show on the subscriptions.

Developer Portal : Step 5

- Step 5.1

❖ Click Discover APIs

- Step 5.2

❖ Then choose any one of the 4 categories;
  For E.g. : Resources → Skills Framework → Sectors

❖ Click on the "Get" or "Post" to expand the section

Developer Portal : Step 5

- Step 5.3

❖ Click Try it out and execute to get the json file output

❖ This is to show the mock example of GET request

Output:
Json File

Install Node.js

Go https://nodejs.org/en/ **to install the runtime software**
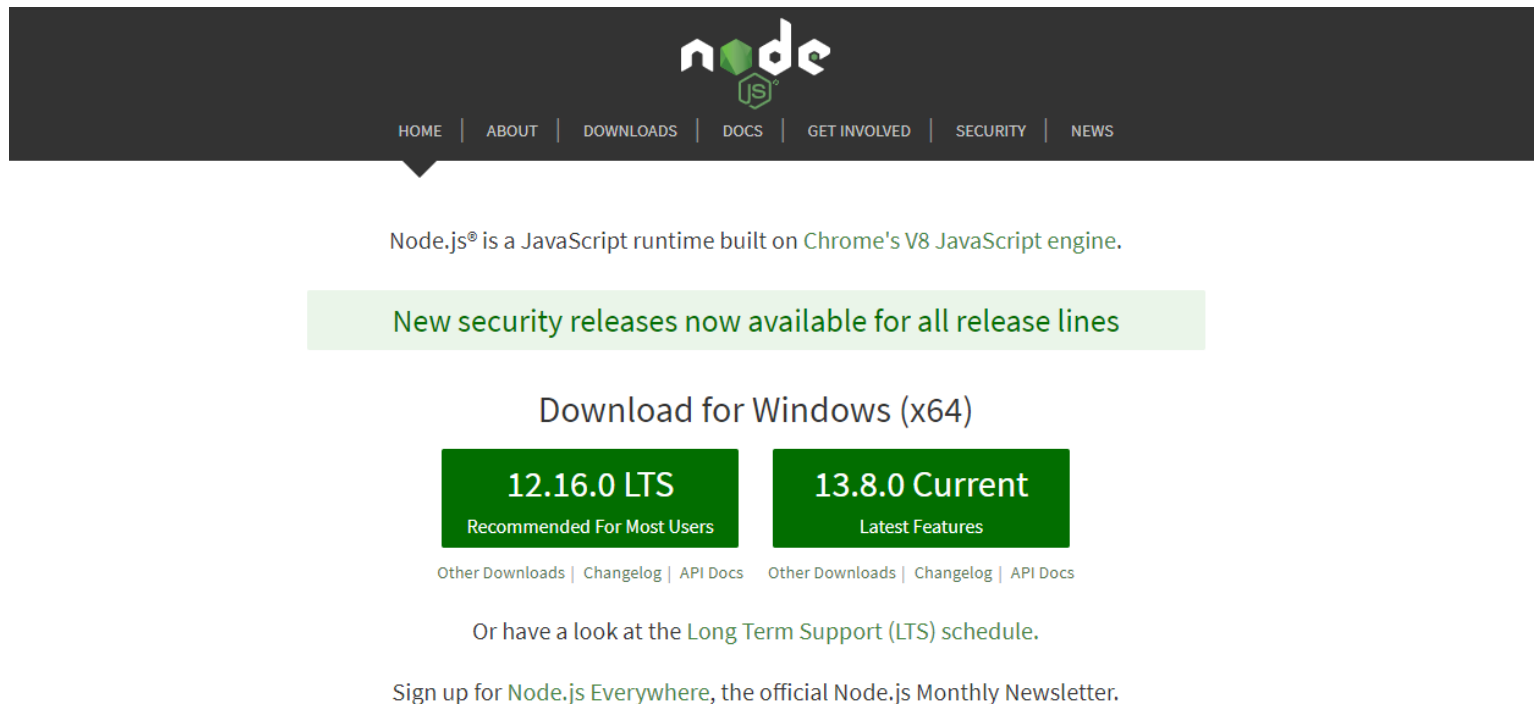
Run the Sample Code using Node.js Command Prompt

```
Node.js command prompt

C:\Users\         ,Documents\SampleCode>node samplecode.js
```

Run the Sample Code using Node.js Command Prompt

```
C:\Users\         \Documents\SampleCode>node samplecode.js
##############################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
##############################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:
```

Run the Sample Code using Node.js Command Prompt

```
C:\Users'           :\Documents\SampleCode>node samplecode.js
########################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
########################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:  https://public-api.ssg-wsg.sg/skillsFramework/sectors/15633
```

Run the Sample Code using Node.js Command Prompt

```
C:\Users\          \Documents\SampleCode>node samplecode.js
##############################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
##############################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:  https://public-api.ssg-wsg.sg/skillsFramework/sectors/15633
prompt: clientID:
```

Run the Sample Code using Node.js Command Prompt


```
C:\Users\          \Documents\SampleCode>node samplecode.js
##############################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
##############################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:  https://public-api.ssg-wsg.sg/skillsFramework/sectors/15633
prompt: clientID:  ****************************************
```

Run the Sample Code using Node.js Command Prompt


```
C:\Users         :\Documents\SampleCode>node samplecode.js
################################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
################################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:  https://public-api.ssg-wsg.sg/skillsFramework/sectors/15633
prompt: clientID:  ***********************************
prompt: secret:
```

Run the Sample Code using Node.js Command Prompt

```
Node.js command prompt - node samplecode.js                                    —   □   ×

C:\Users\          \Documents\SampleCode>node samplecode.js
##############################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
##############################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:  https://public-api.ssg-wsg.sg/skillsFramework/sectors/15633
prompt: clientID:  ****************************************
prompt: secret:    ****************************************************
```

Run the Sample Code using Node.js Command Prompt


```
Node.js command prompt - node  samplecode.js                          —    ☐    ✕

C:\Users\:              \Documents\SampleCode>node samplecode.js
###############################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
###############################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:  https://public-api.ssg-wsg.sg/skillsFramework/sectors/15633
prompt: clientID:  ****************************
prompt: secret:   *****************************************
prompt: file_name:  ▮
```

Run the Sample Code using Node.js Command Prompt

```
Node.js command prompt - node samplecode.js                                    —  □  ✕

C:\Users\          \Documents\SampleCode>node samplecode.js
##############################################################
Simple Program in JavaScript to call OAuth 2 Token for Get API
##############################################################
1) Please get ready the GET API URL
2) Please get ready the Client ID from developer portal
3) Please get ready the Secret from developer portal
4) Save File into csv format

prompt: api_name:  https://public-api.ssg-wsg.sg/skillsFramework/sectors/15633
prompt: clientID: **********************************
prompt: secret: *****************************************
prompt: file_name:  sectors.csv
```
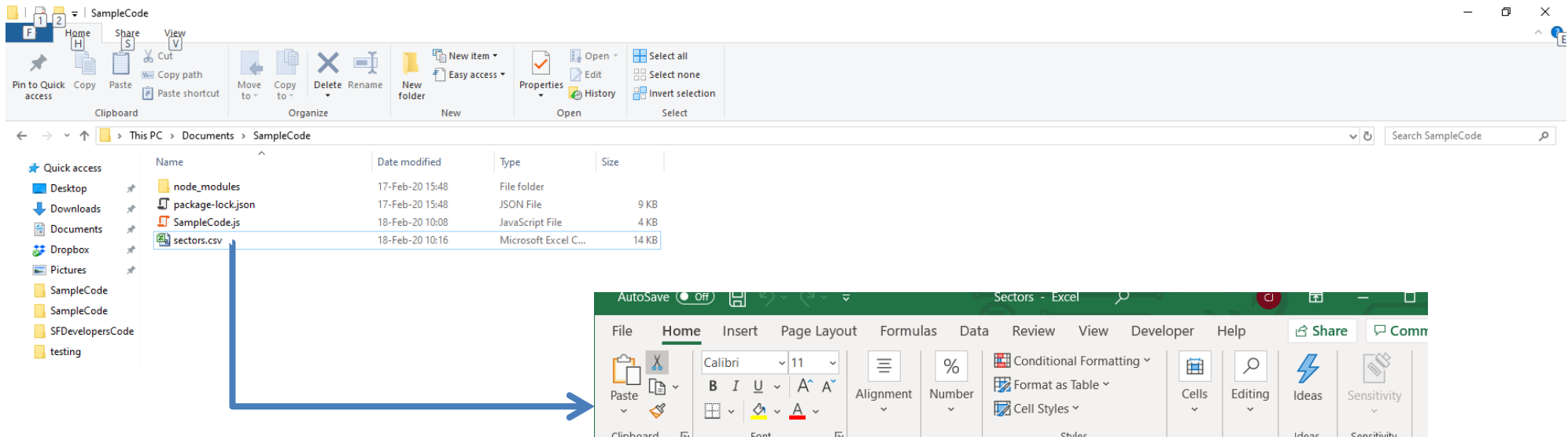
Run the Sample Code using Node.js Command Prompt

Node.js command prompt

```
      "url": "https://www.youtube.com/embed/lUxzJC9FymU?rel=0"
    },
    {
      "description": "What does an ethical hacker do? What kind of skills do you need to be an ethical hacker?",
      "id": "25988",
      "url": "https://www.youtube.com/embed/PmPM0J40zSY?rel=0"
    },
    {
      "description": "Join the many women who have built successful careers with Infocomm Media skills.",
      "id": "25989",
      "url": "https://www.youtube.com/embed/za3dtbaiQck?rel=0"
    },
    {
      "description": "The Cyber Security Experience, or CSX (www.singtelcyberexperience.com), is an interactive cyber education portal to engage students and mid-career professionals who are interested in a cyber security career.",
      "id": "66638",
      "url": "https://www.youtube.com/embed/rRbdOjM_-po?rel=0"
    }
    ]
  },
  "error": {
    "code": "",
    "details": [
      {
        "field": "",
        "message": ""
      }
    ],
    "errorId": "",
    "message": ""
  },
  "meta": {},
  "status": 200
}
Success!

C:\Users\        :\Documents\SampleCode>
```

Run the Sample Code using Node.js Command Prompt
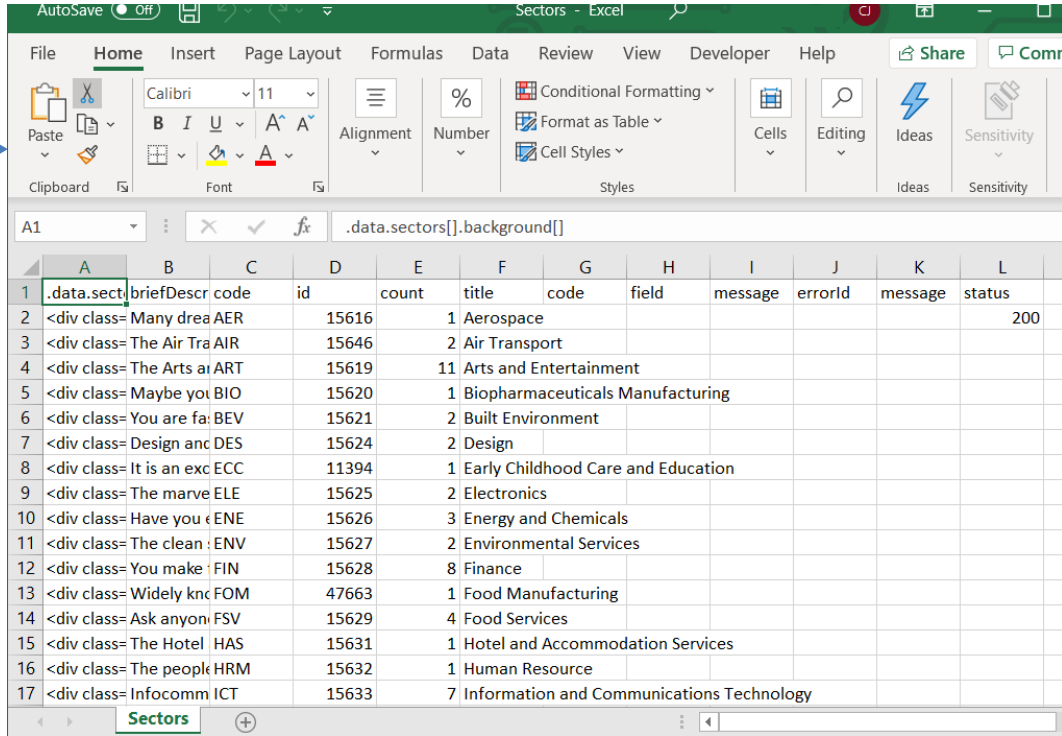
Converted CSV file from the sample code