

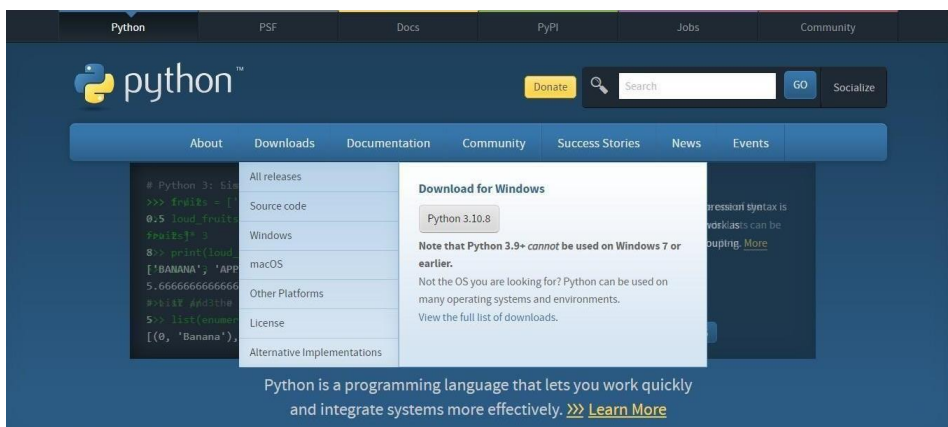
SPRINT-I

Setting up Application Environment

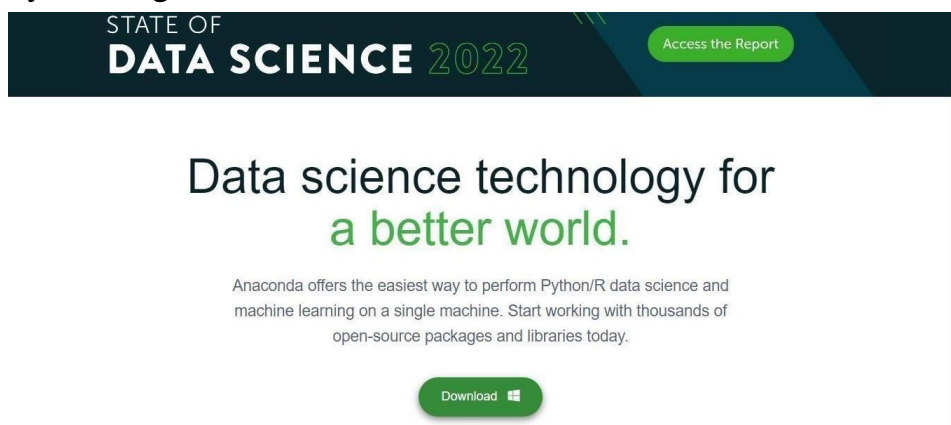
Create Flask Project

Date	29 October 2022
Team ID	PNT2022TMID04430
Project Name	Nutrition Assistant Application

Step 1. Install Python latest version from python.org



Step 2. Download Anaconda from <https://www.anaconda.com/> and install it by running the .exe file



Step 3. Install Flask using command `pip install flask`

Step 4. Open a new Python file and start coding

```
Administrator: Command Prompt
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C:\WINDOWS\system32>pip install flask
Collecting flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
----- 101.5/101.5 KB 1.4 MB/s eta 0:00:00
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
----- 232.7/232.7 KB 1.4 MB/s eta 0:00:00
Collecting click>=8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
----- 96.0/96.0 KB 1.1 MB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
----- 133.1/133.1 KB 2.6 MB/s eta 0:00:00
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp310-cp310-win_amd64.whl (17 kB)
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 itsdangerous-2.1.2
WARNING: You are using pip version 22.0.4; however, version 22.3.1 is available.
You should consider upgrading via the 'C:\Users\Rishi\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.

C:\WINDOWS\system32>python --version
Python 3.10.4

C:\WINDOWS\system32>
```

```
from flask import Flask app

= Flask(_name_)

@app.route('/') def
hello():

    return "Hello World"

if __name__ == '__main__':
    app.run(debug=True)
```

Step 5. Run the Python file using command `python filename.py`

```

Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Users\prane\Documents\works\IBM_works\db2_with flask>python app.py
Connection with ibm db2 is successful.
C:\Users\prane\Documents\works\IBM_works\db2_with flask>app.py:35: UserWarning: pandas only supports SQLAlchemy connectable (engine/connection) or database string URI or sqlite3 DBAPI2 connection. Other DBAPI2 objects are not tested. Please consider using SQLAlchemy.
  df = pd.read_sql(sql, connection)
Records from db2
  COLUMN_0      DATE V_NUMBER
0         0  Mon Oct 24 07:13:32 2022      None

C:\Users\prane\Documents\works\IBM_works\db2_with flask>

```

Step 6: Open the Ip in browser

