Prerequisites

Team ID	PNT2022TMID33008
Project Name	Project - AI-Powered Nutrition Analyzer for Fitness enthusiasts

Prerequisites

- Python packages:
  - open anaconda prompt as administrator
  - Type "pip install numpy" and click enter.
  - Type "pip install pandas" and click enter.
  - Type "pip install scikit-learn" and click enter.
  - Type "pip install tensorflow==2.3.0" and click enter.
  - Type "pip install keras==2.4.0" and click enter.
  - Type "pip install Flask" and click enter.

In order to develop this project, we install the software package:

- Anaconda Navigator
- Jupyter notebook
- Spyder

Anaconda Navigator

File   Help

⬤ ANACONDA.NAVIGATOR

Connect ⌄

🏠 Home

📦 Environments

📘 Learning

👥 Community

All applications ▾   on   base (root) ▾   Channels   ⟳

DataSpell

DataSpell is an IDE for exploratory data analysis and prototyping machine learning models. It combines the interactivity of Jupyter notebooks with the intelligent Python and R coding assistance of PyCharm in one user-friendly environment.

Install

CMD.exe Prompt
0.1.1

Run a cmd.exe terminal with your current environment from Navigator activated

Launch

JupyterLab
↗ 3.3.2

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

Launch

Notebook
↗ 6.4.8

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

Launch

Anaconda Notebooks
New!
Cloud notebooks with hundreds of packages ready to code.
Learn More

Documentation

Anaconda Blog

🐦 ▶️ 🐙

Powershell Prompt
0.0.1

Run a Powershell terminal with your current environment from Navigator activated

Qt Console
↗ 5.3.0

PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.

Spyder
↗ 5.1.5

Scientific PYthon Development EnviRonment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features

Datalore

Kick-start your data science projects in seconds in a pre-configured environment. Enjoy coding assistance for Python, SQL, and R in Jupyter notebooks and benefit from no-code automations. Use Datalore