Crop Prediction and Analysis using Machine Learning

Locations of important files and datasets:

* Dataset named “Crop\_recommendation.csv” can be found inside the zip file.
* Jupyter Notebook runnable file is inside **ipynb-Jupyter Notebook** folder

Library Installation:

* Install the following libraries using pip install command from anaconda command shell.

Numpy, Pandas, Matplotlib, Seaborn, Sklearn, Pickle, Tkinter

How to run the ipynb file:

* Install Anaconda Navigator from here:

<https://sparkbyexamples.com/python/how-to-install-anaconda-on-windows>

Installation guide for Anaconda Navigator: <https://docs.anaconda.com/anaconda/install/>

* From Anaconda Navigator open Jupyter Notebook. After that open the directory where the ipynb file is saved. Now load the file in the Jupyter Notebook text editor.
* In section 2 of ipynb file, put the directory where crop\_recommendation.csv is saved.

![Graphical user interface, text

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Crop’s Images:

* All the crop’s images are inside the images folder.
* In line 44 of code, we are passing the name of the folder “image” to retrieve the particular image. So, if the folder name is changed, it must be updated in the code.

![Graphical user interface, text, application

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