**Plant Species Identification**

ABSTRACT: This machine learning project is a great opportunity for Botany students to explore the world of Data Science. It involves using machine learning algorithms to correctly identify 99 plant species through the binary leaf images and evaluated features. These features include shape, margin, and texture.

Even if you are not a Botany student, you will have fun in realising how the leaves are, because their volume, prevalence, and unique characteristics can serve as an effective measure to identify plant species. Explore more about this machine learning ([ML) Project- Build a plant species identification algorithm](https://www.projectpro.io/project-use-case/identify-plant-species-with-image-benchmarking-classifiers) to know about the implementation of this project from scratch. You will enjoy getting to know about the methods that include image-based features. And, as you may have guessed already, this would be a machine learning classification project, so you will be introduced to the implementation of [classification machine learning algorithms](https://www.projectpro.io/article/7-types-of-classification-algorithms-in-machine-learning/435) in great depth.  You will also get to learn to benchmark the significance of different classifiers in [image classification](https://www.projectpro.io/article/deep-learning-for-image-classification-in-python-with-cnn/418) problems.