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Final Challenge



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Hi, it's Luis again!

Final Challenge Project

Congratulations on completing all the lessons in this course! As the final part of your scholarship challenge, you'll be completing a project to test what you've learned. Here, you'll build an image classifier from scratch that will identify different species of flowers.

The Dataset

The data set contains images of flowers from 102 different species. We've provided a training set and a validation set. You can [download the images from here](#) as a zipped archive. Just uncompress it and you should be good to go.

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Example image from the dataset

Project Notebook

We've built a Jupyter Notebook to guide you through developing and training your model. You can get it by cloning [this repo](#) on GitHub:

```
git clone https://github.com/uda
```

In the repo, you'll find the notebook, a couple assets, and a JSON file that maps the category codes to flower names.

For the most part you'll be writing all the code yourself. Feel free to build and train the image classifier in any way you want.

Test Score

As part of the challenge, you'll be assessed on how well your model performs on a test set of flower images. You'll want to save your trained model as a checkpoint. We've prepared another notebook for you that will lead you through loading in your model and running the assessment code. We'll calculate a score using your model on the

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model assessment.

NEXT

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