CS - Butterfly Species Prediction Rubric

Submission format: Link to Github repository (Canvas Assignment) and presentation in class

Individual Assignment

General Description: Submit to Canvas assignment a link to your Github repository for this project and come to class prepared to present your presentation.

Preparatory Assignments: A written plan of how you plan to do this project. A written plan of how you will approach the modeling and coding.

Why am I doing this?

In the era of digital computation and data science, there are advanced tools and models out there that we can utilize for our own purposes. It is important for a student to implement those tools in actual life scenarios and learn how they work. It's also extremely important to have experience presenting your results/finding to the public. You are encouraged to read through the material provided to you and do your own research to complete this project.

- Course Learning Objective: Analyzing image data
- Course Learning Objective: Presenting your results

What am I going to do?

You will start by reading the one-page hook document to learn your objectives for the project, from where you will learn the scenario given to you for this project and some background information. Then you can go through the material provided to you and learn from them. Take notes if needed. You will select a model for your project and you will start coding for the project.

When you have your results, you will prepare a presentation and present them in front of the class.

Tips for success:

- Try to learn your model well and understand how the model work.
- Make sure you have a solid reasoning for your model selection
- Have fun

How will I know I have succeeded?

You will meet the expectations on this project when you fulfill the requirements in the rubric below.

Spec Category	Spec Details

Formatting	• Repository - An online folder including all materials
	  • Submit a link to the repository
	• Things to include in the repository
	  • Readme file
	  • License
	  • Code folder
	  • Presentation PDF
	  • Data Folder
	  • Image Folder

Readme File	• Explain the project the guide the reader throughout the repository and the project
License	• Use the MIT license that is available in Github
Code Folder	• Include the code of this project, make sure that you have explanatory words in the code so that the reader can follow
Presentation PDF	• A presentation in PDF format for your presentation in class
Data Folder	• A folder containing all the data you used for the project
Image Folder	• A folder containing all the images you used for the project

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