Butterfly Species Prediction

Hook Document for Case Study

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Scenario

Butterflies and moths have distinct features and people have been trying to categorize them based on those features for a long time. In the era of data science, recognizing them by a computer visualization program has become possible. In this project, you will try to develop a machine learning model where the user can simply take a picture of the butterfly or the moth they come across outside and know what species that is. To accomplish this, you will use a visualization machine learning model and make predictions based on pictures of butterflies and moths.

Deliverables

• Select a proper model for this project and the reasoning for your selection.

• A simple explanation of how the model works.

• The testing predictions you made while making the model.

• The validating predictions you made for presentation purposes.

• The accurate measure of the model.

• Things that you can improve if you had more time working on this project.

• Questions you had while working on this project.

• Further steps.