

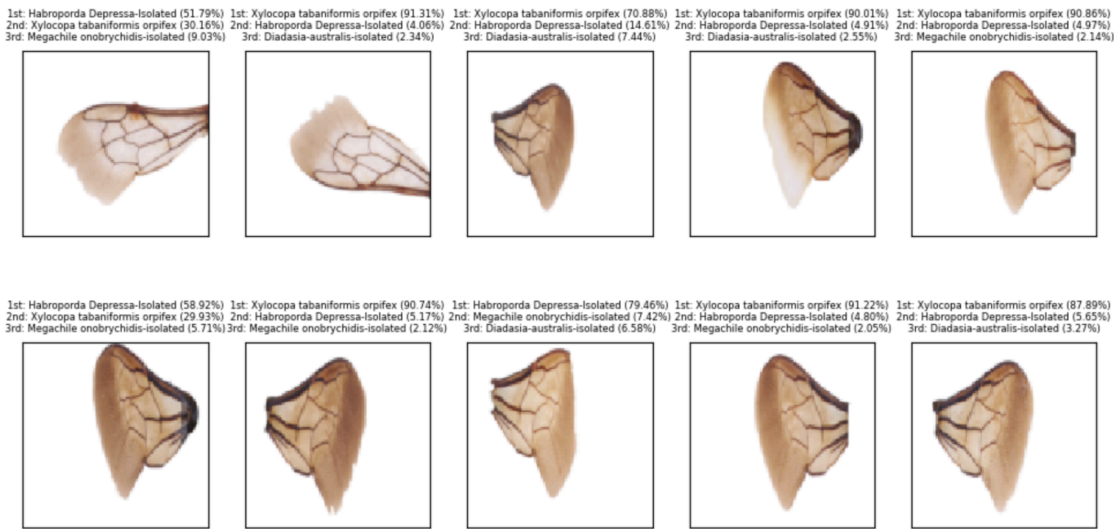
Data Science Capstone: Bee Species Identification

Cheadle Center for Biodiversity and Ecological Restoration

Explorations of methods for quantifying differences in wing morphology

Accuracy: 0.6153846153846154

Classification of Images using SVM



Introduction

In this report, we explore the significance of differences in wing morphology for bee species identification. Leveraging advanced data science techniques such as Linear Discriminant Analysis (LDA) and Spectral Embedding, our capstone project aims to unravel the unique characteristics within wing-vein structures.

Linear Discriminant Analysis (LDA)

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Spectral Embedding

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