

Project 4 Proposal

Our Data: Pokemon

Our dataset consists of various pokemon and their stats. We picked this dataset because it is user friendly and nostalgic. We are going to use this data to create a model that will recommend users to similar pokemon based on stats.

Link to kaggle dataset:

[Pokémon Base Stats Dataset \(kaggle.com\)](https://www.kaggle.com/datasets/pschmitt/pokemon-base-stats-simple)

Prediction:

We would like to predict how likely a pokemon could be caught based on the catch rate.

Possible Questions:

1. What pokemon would be the easiest to catch vs the most difficult?
2. What are the top 5 recommendations for a pokemon like charizard?

Inspiration:

[Pokemon Prediction using Random Forest - Analytics Vidhya](#)

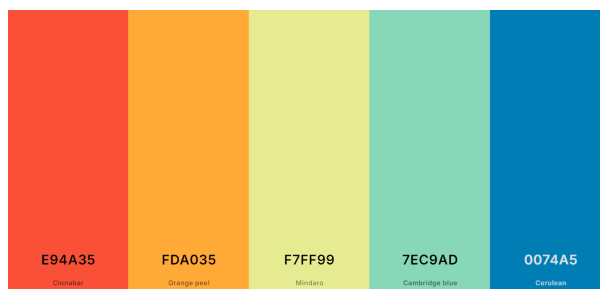
[Pokemon DataSet EDA and Predict Catch Rate](#)

[Pokemon Stats Dashboard](#)

Possible Data Visualizations

1. Top Pokemon by friendship (or any stat)
2. Visualize the stats of each individual pokemon and customize with filters

Color Pallet:



Roles and Responsibilities:

Zachary Dallas- Dashboard
Amber Venes- Slides, Writeup
Earl Lewis- Machine Learning
Robert Williard- Dashboard

GITHUB

<https://github.com/MoonSplosion/project-4-group-13>