Springboard Capstone 3 Ideas

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Donald Trump Chat/Twitter Bot

Proposal: Using the entire history of Former President Donald J. Trump’s tweets, transfer-learning, and natural language processing, generate a chatbot capable of generating tweets given a particular subject in the spirit and style of the former president.

Data Source: <https://www.kaggle.com/zusmani/trumps-legacy?select=Trumps+Legcy.csv>

Fruit Image Classification

Proposal: Use CNN and likely transfer learning, generate a model capable of classifying images of a while variety of fruits.

Data Source: <https://www.kaggle.com/chrisfilo/fruit-recognition>

Cancerous Skin Lesion Classification

Proposal: Using a CNN model, generate a model capable of classifying close-up images of skin lesions are cancerous or benign.

Data Source: https://www.kaggle.com/kmader/skin-cancer-mnist-ham10000?select=HAM10000\_images\_part\_2

(Extra Possibility) Tweet Sentiment Analysis

Proposal: Generate a model capable of classifying tweet sentiments (negative, neutral, positive).

Data Source: https://www.kaggle.com/kazanova/sentiment140