Model - Jupyter Notebook

Data Collection - labelled Flickr Images

Data Preprocessing - generate model input

Model Training / Validation - save model

Output: trained and saved model

Presentation - PowerPoint
Task, Input/Output, Flow Diagram, Challenges, Limitations / Improvements

Limitations / Improvements
number of training / validation images, more attributes (e.g. user selected), model architecture / optimisers etc., other validation data sources such as Twitter

Flask WebApp - hosted on Google App Engine?

User Input - #brandname

Data Collection - unlabelled Instagram images (Testing)

Data Preprocessing - generate model input

Model testing - with saved model

Output: comparison of official and unofficial pictures with #brandname (e.g. IBBI score in a histogram)