WORKFLOW OF HASHTAG AND CAPTION GENERATOR

Initial idea was to get an appropriate dataset of social media influencers to build my model on to.

Found a set of datasets like, 'Flickr', 'Harrison' and a dataset consisting of Instagram Influncer's Posts and their respective captions

Upon the Instagram dataset I tried building a neural network to predict the hashtags and caption from an image using the caption in the data and the hashtags within it.

The model was trained but I kept encountering Graph Execution error again and again, so was not able to have the model predicting in time

Then I jumped on to use of pre-built models to generate a caption and a set of 10 hashtags

I deployed my code using the streamlit library, such that the UI gives you an option to upload your image and provides you with an output of a caption and 10 hashtags