Input(Dataset)

- Dataset is images.
- File contains about 8000 different image.
- Caption for each image.

Features

Preprocessing

- Remove stop words.
- Lemmatization.
- Tokenization.

Representation

- Word embedding
- LSTM
- Dropout

Model

- Recurrent Neural Network (RNN).
- Activation function "relu", "softmax".
- Optimizer "adam.

Output

- Create a caption suitable for the image that is given to the model