Instructions to run:

1. Training Dataset Generation

1. To generate training dataset, go to Dataset_Generation -> dataset-generation.ipynb.
2. Import all folders from "Dataset_Generation" directory into your working directory.
3. Run dataset-generation.ipynb

2. Model training and Inference

1. Go to Model -> BILSTM_Model.ipynb.
2. Import all folders inside "Model" folder into your working directory.
3. Run BILSTM_Model.ipynb, [use TPU for faster training (~20sec per epoch)]
4. This code file also contains "Inference on user input" section where the user can enter input text and the code will generate appropriate tags for each word in input string.