University of Essex

User Documentation
CE903

Automatic Title Generation Using Encoder-Decoder Models

Team-9

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User Interface with Web application

Web application is an application which perfrom define task by giving required input to it. But as per normal application it does not required to install. It is run over web server. And to connect with this web server you need to run Given "Title_Genration.IPNYB" over google colab

Steps are define here to Run the application for automatic title generation using encoding/decoding method.

User need to follow the installation process before run the bellow step
1. After creating required environment of Colab and Drive
2. Run all the cell of given Title_Genration.IPNYB
3. For user acknowledged, if user got this link as a cell output then we can say environment setup is done ok.

Fig.1 Acknowledgment of Dataset and code Mount on drive(Reference: Self work)

4. In last step, when we got this ngrock server link for our application then click it and open in the broser.
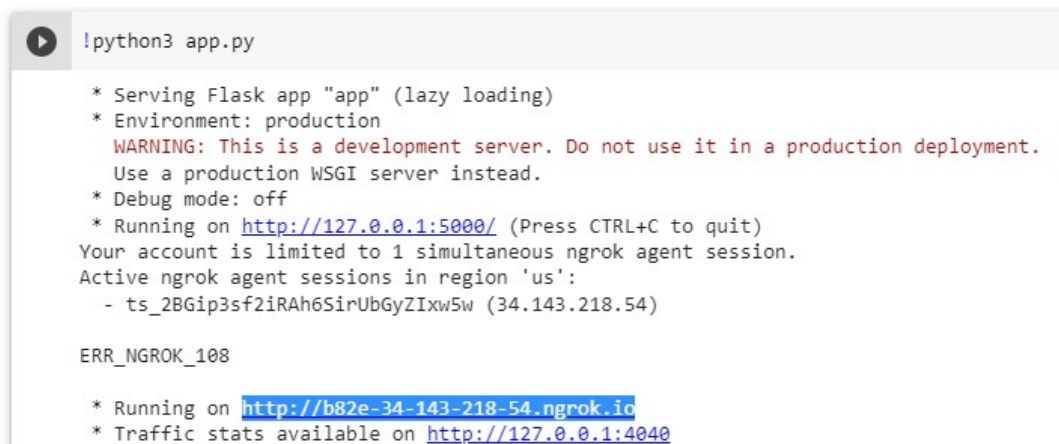

Fig.2 ngrock generated web server link where our application perform title genartion task
(Reference: Self work)

5. Open the link which is shown above in your browser
6. It will open "index.html" web page where you can enter the research paper text in the texbox as shown below

Fig.3 User interface index page for Text input to the system (Reference: Self work)

7. And click the Summerize button to get the Title of your text

8. Wait until machile think about your title
9. You got the final output of Title of the article/research paper

Fig.4 Output generated from system show to the sumerize web page of application
(Reference: Self work)

Yup, its done.

By using this web application you can generate title for any article or research paper. It find the suitable title for your project. Its output may be random for same text because we train our model in such way that you cant get same title output again.