Gurunanak Institutions

Technical Campus

Major Projects

1.ML(Machine Learning) model.

2.EDA (Exploratory Data Analysis) for a Dataset.

For the course

“DATA SCIENCE”

Submitted by

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Machine Learning Google collab Notebook

Link

https://colab.research.google.com/drive/1zqgc6sfrN3Q1htmWpS5CjyKBJCsrel05?usp=sharing

EDA (Exploratory Data Analysis) Google collab Notebook

Link

https://colab.research.google.com/drive/1Mrw15GGDjPg-dBdzskMwGSsWeT1IDRAU?usp=sharing

HEROKU

-For Permanent Deployment of Web App

Heroku is a cloud platform as a service (PaaS) supporting several programming languages. One of the first cloud platform Heroku has been in development since June 2007, when it supported only the Ruby programming language, but now supports java, Node.js, Clojure, Python, PHP, and Go. For this reason, Heroku is said to be a polyglot platform as it has features for a developer to build, run and scale applications in a similar manner across most languages. Heroku was acquired by Salesforce in 2010 for $212 million.

Steps in deployment of web app in Heroku

-->For the Temporary Deployment Streamlit can be used.

-->For the Permanent Deployment of Webapp we need to use Heroku with the help of Github.

Steps in Github are

-->Creating a Procfile ,Readme.md , Requirements.txt ,setup.sh ,app.py and uploading our DataSet

Steps in Heroku are

-->Creating a name for our Webapp.

-->Connecting our Github account with Heroku

and enabling auto deployment.

--->Make some negligible changes in app.py

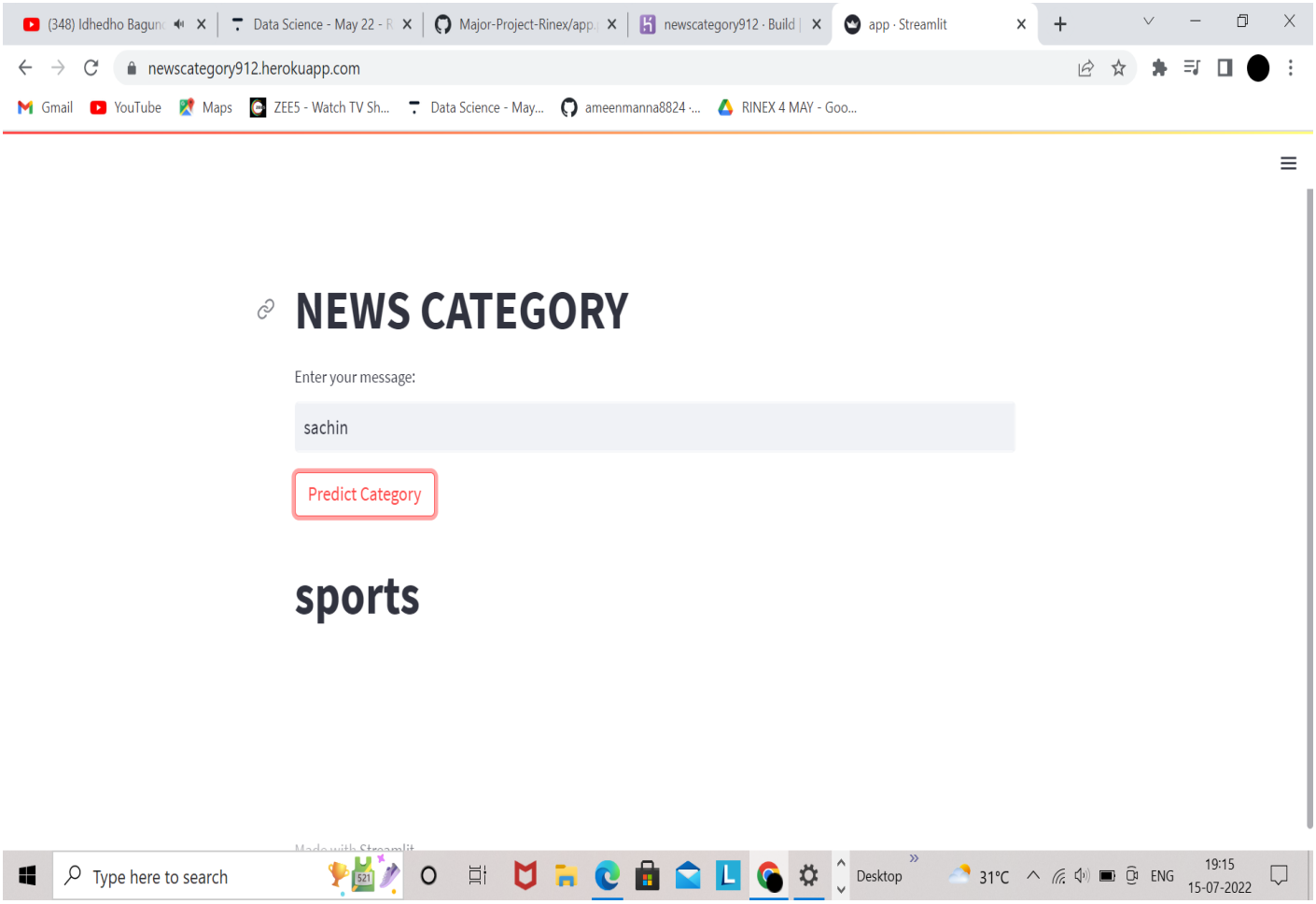
--->Build will be started and you get a link for your Webapp

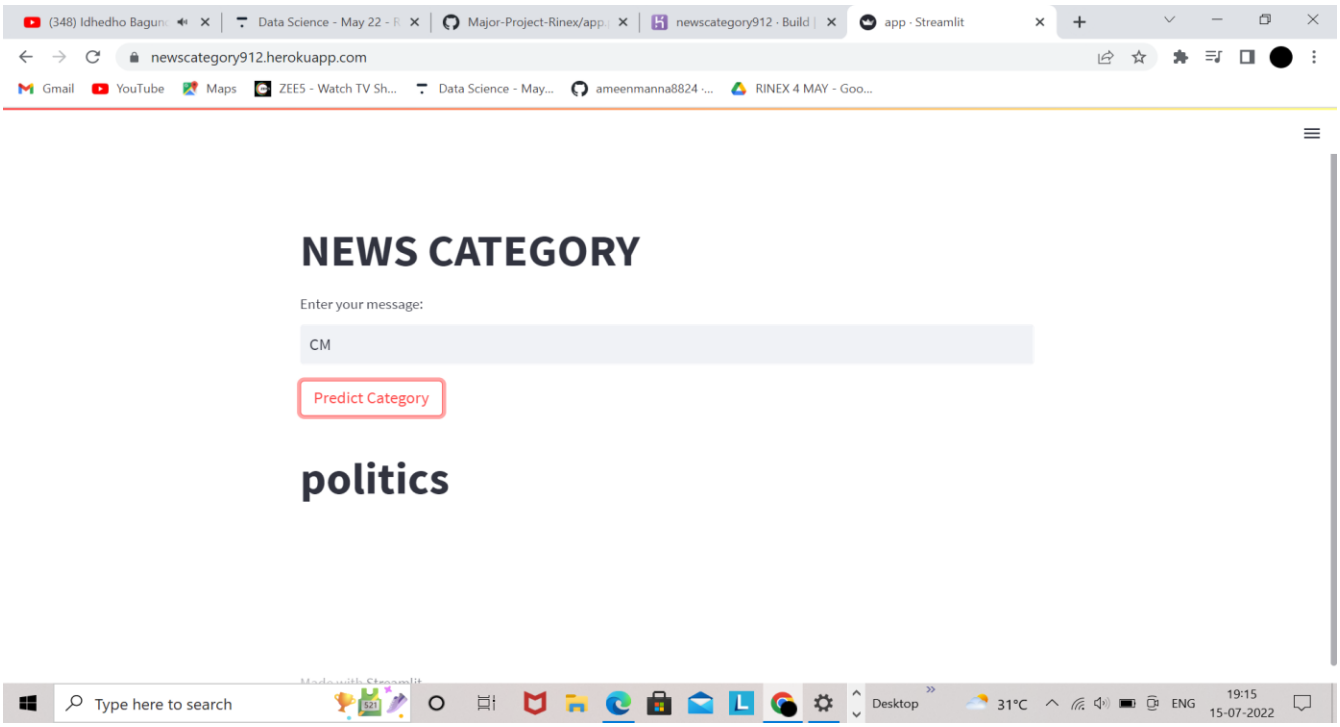
The link of Webapp

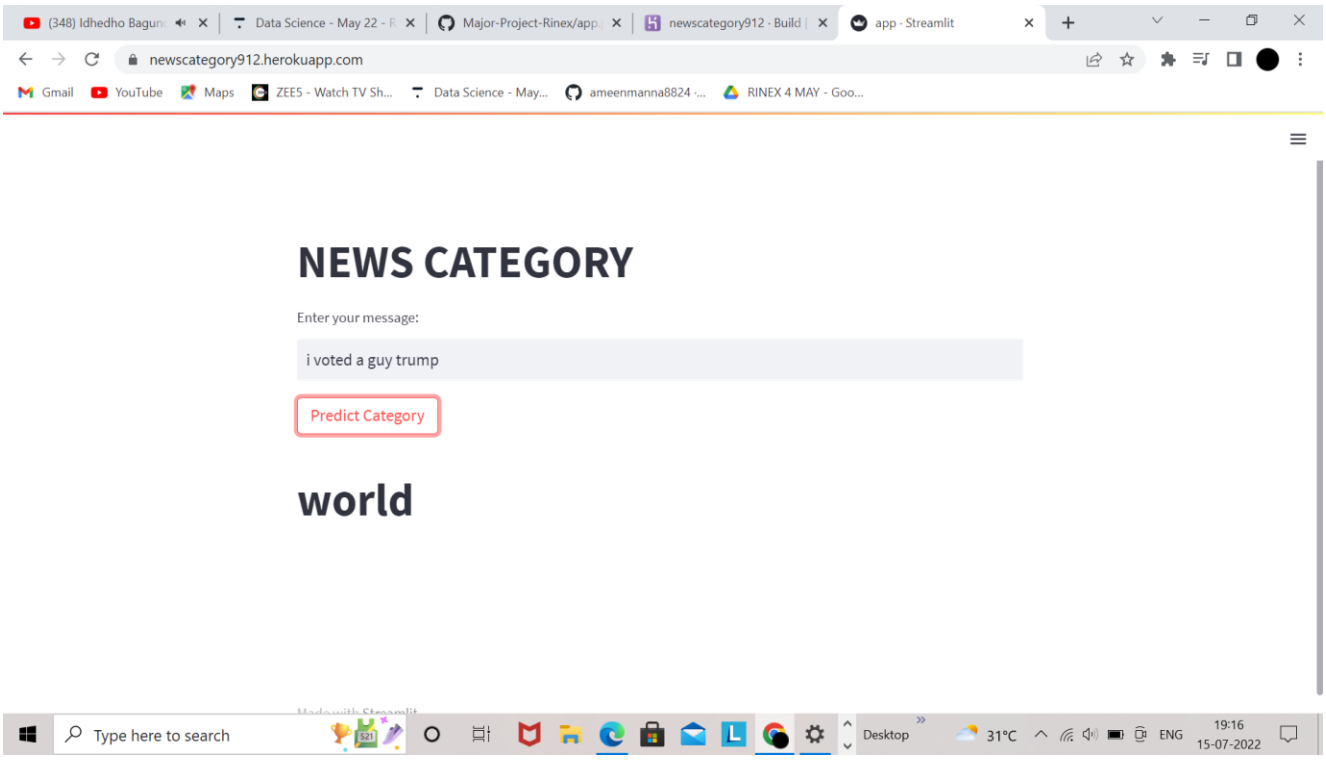
Is

https://newscategory912.herokuapp.com/

Screenshots using Heroku




newscategory912.herokuapp.com
NEWS CATEGORY
Enter your message:
CM
Predict Category
politics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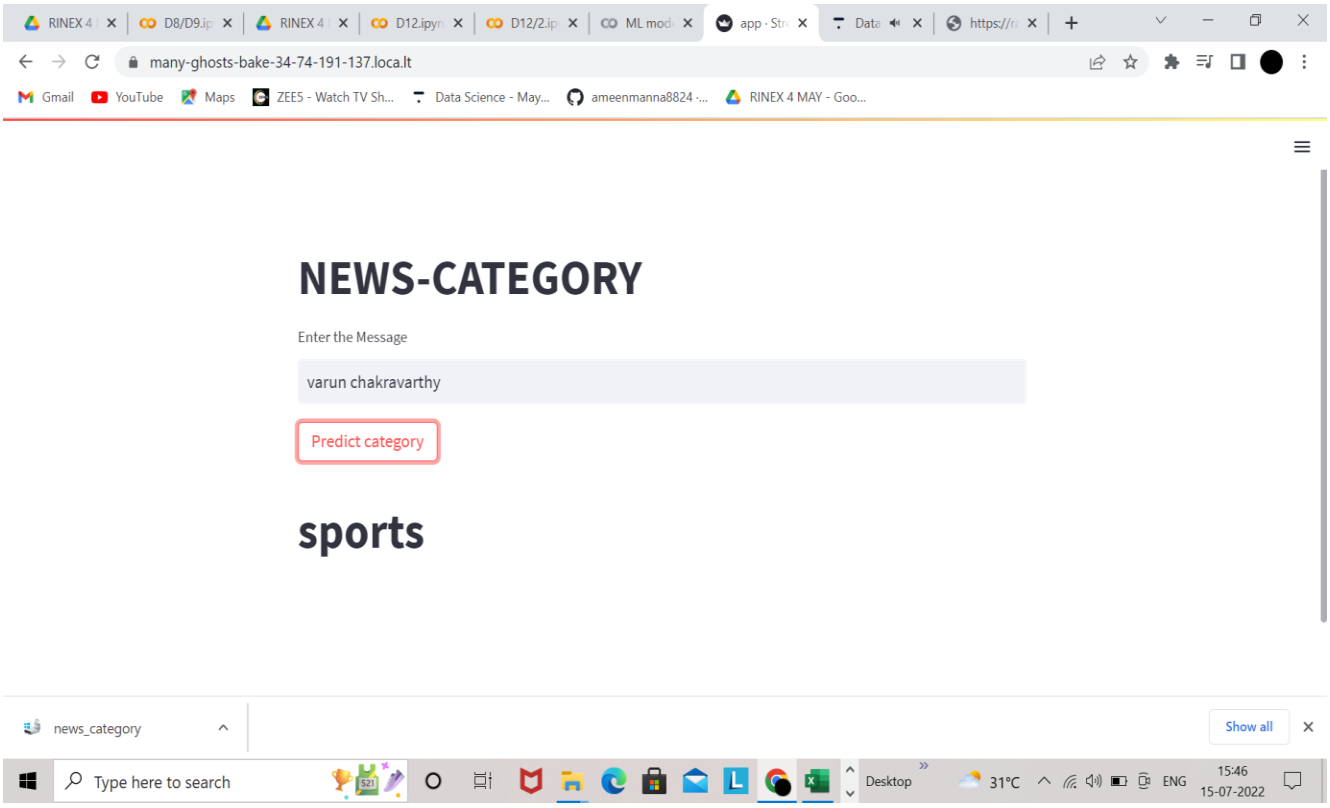
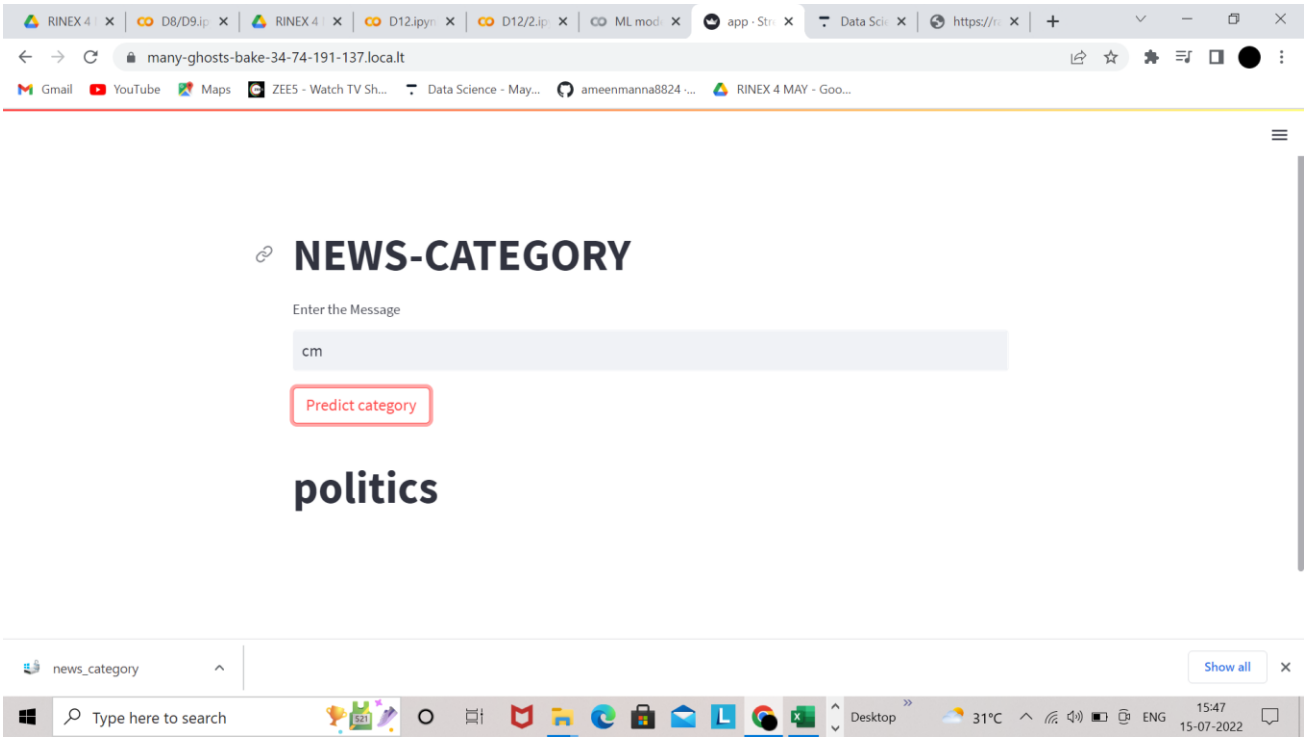
NEWS CATEGORY
Enter your message:
i voted a guy trump
Predict Category
world

Screenshots of webapp using streamlit




many-ghosts-bake-34-74-191-137.loca.lt
NEWS-CATEGORY
Enter the Message
cm
Predict category
politics
news_category
Show all
Type here to search
Desktop
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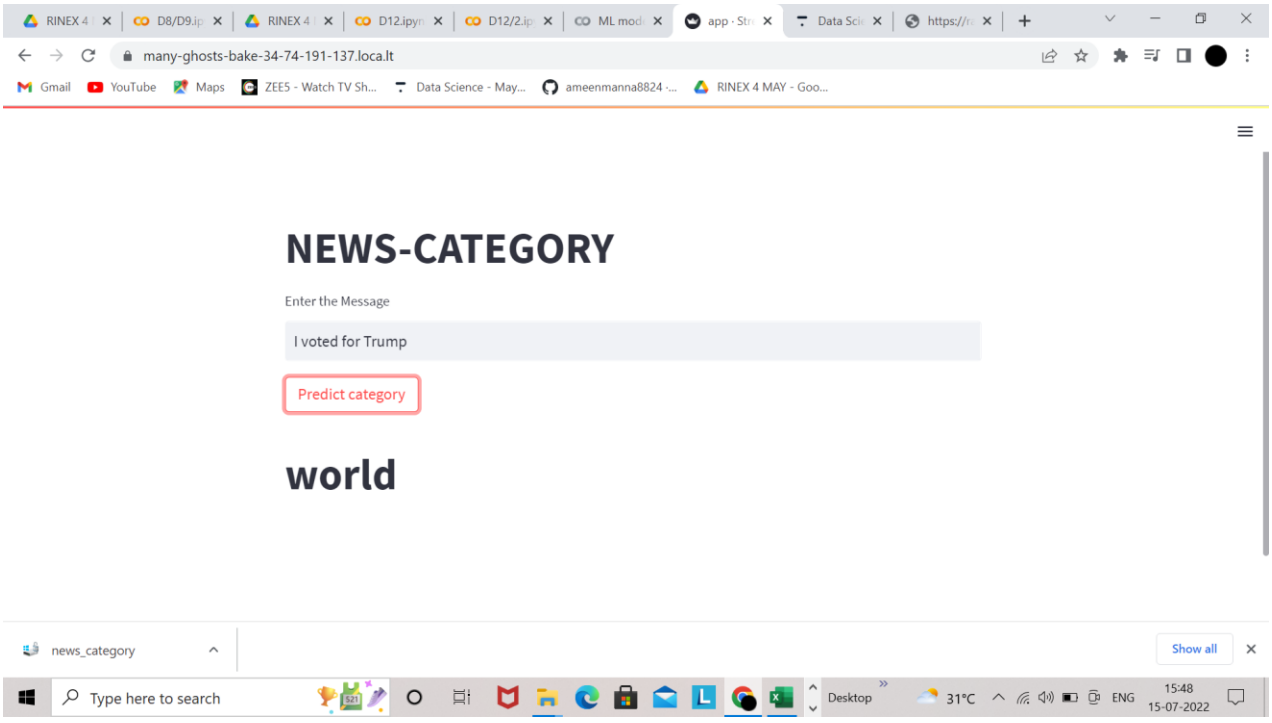
ENG
15:47
15-07-2022


many-ghosts-bake-34-74-191-137.loca.lt
NEWS-CATEGORY
Enter the Message
I voted for Trump
Predict category
world
news_category
Show all
Type here to search
Desktop
31°C
ENG
15:48
15-07-2022