**AWS Mini-Project-2: Sentiment Analysis using Boto3 & Amazon Comprehend**

import tkinter as tk

import boto3

root= tk.Tk()

root.geometry("400x240")

root.title("Sentiment Analysis")

textExample=tk.Text(root,height=10)

textExample.pack()

def getText():

    aws\_mag\_con=boto3.session.Session(profile\_name="demo\_user")

    client=aws\_mag\_con.client(service\_name='comprehend',region\_name="us-east-1")

    result=textExample.get("1.0","end")

    print(result)

    response = client.detect\_sentiment(Text=result,LanguageCode='en')

    print('The prominant sentiment is:',response['Sentiment'])

    print('The SentimentScore is:',response['SentimentScore'])

    #response = client.detect\_key\_phrases(Text=result,LanguageCode='en')

    #for ph in response['KeyPhrases']:

    #    print(ph['Text'])

    #response = client.detect\_syntax(Text=result,LanguageCode='en')

    #print(response)

btnRead=tk.Button(root,height=1,width=10,text="Read",command=getText)

btnRead.pack()

root.mainloop()





