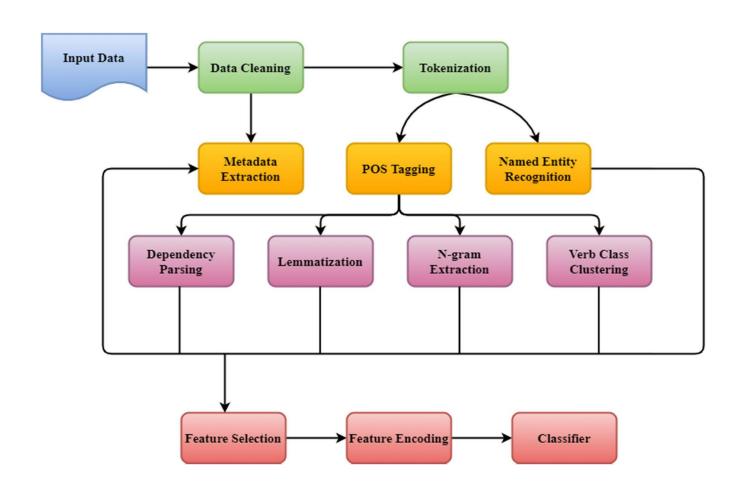
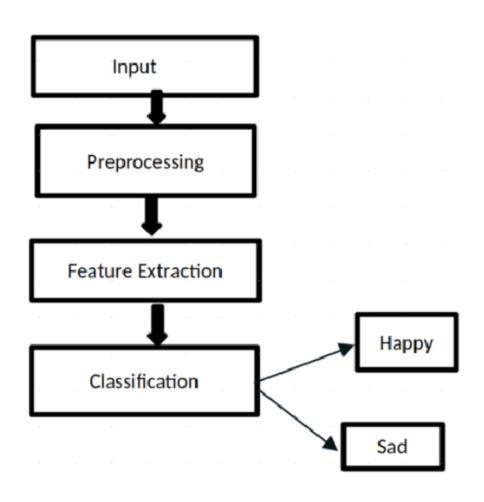
FACE RECOGNITION FOR HUMAN COMPUTER INTERACTION USING K-MEANS

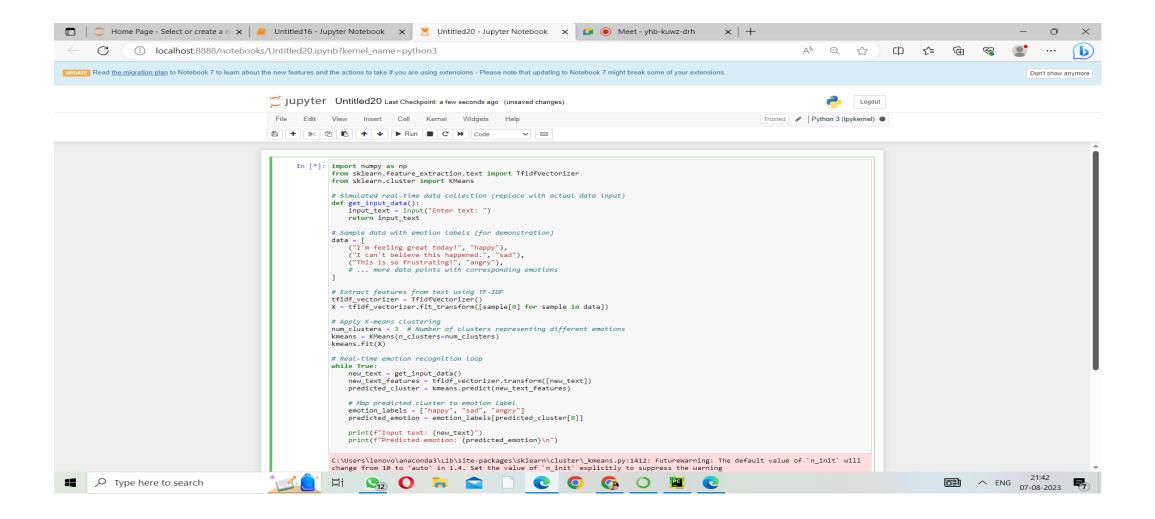
DATA FLOW DIAGRAM



FLOW CHART



CODE



OUTPUT

```
print(f"Input text: {new_text}")
print(f"Predicted emotion: {predicted_emotion}\n")

C:\Users\lenovo\anaconda3\Lib\site-packages\sklearn\cluster\_kmeans.py:1412: FutureWarning: The default value of `n_init` will change from 10 to 'auto' in 1.4. Set the value of `n_init` explicitly to suppress the warning super()._check_params_vs_input(X, default_n_init=10)
```

Enter text: i am happy
Input text: i am happy
Predicted emotion: happy