

## CARA MENJALANKAN PROGRAM

1. Buka file kkn.py
2. Jalankan program kkn.py
3. Masukkan nama data yang ingin di analisis, lalu enter

```
PS C:\Users\Sahabat Sg\Downloads\script> & "C:/Users/Sahabat Sg/AppData/Local/Programs/Python/Python311/python.exe" "c:/Users/Sahabat Sg/Downloads/script/bismillah.py"
```

```
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==== Analisis Sentimen Menggunakan Metode KNN =====
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```

```
Masukkan nama file CSV: █
```

4. Setelah proses selesai, akan muncul informasi analisis

```
TERMINAL  JUPYTER  DEBUG CONSOLE  PROBLEMS 11  OUTPUT

PS C:\Users\Sahabat Sg\Downloads\script> & "C:/Users/Sahabat Sg/AppData/Local/Programs/Python/Python311/python.exe" "c:/Users/Sahabat Sg/Downloads/script/bismillah.py"

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==== Analisis Sentimen Menggunakan Metode KNN =====
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Masukkan nama file CSV: data-gris.csv
-----
Sentimen positif: 47.277936962750715 %
Sentimen netral : 40.114613180515754 %
Sentimen negatif: 12.607449856733524 %
-----

Nilai k tertinggi: 14
Akurasi pengujian: 0.7142857142857143
-----
Classification Report:
      precision    recall  f1-score   support

   -1         0.67     0.43     0.52         14
    0         0.72     0.74     0.73         46
    1         0.71     0.78     0.74         45

 accuracy         0.71         105
 macro avg         0.70     0.65     0.67         105
weighted avg         0.71     0.71     0.71         105

=====
```