Manikkandan1404 /
FakeNewsDetectionusingNLP-phase-4

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FakeNewsDetectionusingNLP-phase-4
/   `main.py`   in   `main`

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```
  1    # %% [code] {"execution":{"iopub.status.busy":"2023-10-27T04:25:09.090352Z","iopub.execute_input":"2023-10-27T(
  2    # This Python 3 environment comes with many helpful analytics libraries installed
  3    # It is defined by the kaggle/python Docker image: https://github.com/kaggle/docker-python
  4    # For example, here's several helpful packages to load
  5
  6    import numpy as np # linear algebra
  7    import pandas as pd # data processing, CSV file I/O (e.g. pd.read_csv)
  8
  9    # Input data files are available in the read-only "../input/" directory
 10    # For example, running this (by clicking run or pressing Shift+Enter) will list all files under the input dire
 11
 12    import os
 13    for dirname, _, filenames in os.walk('/kaggle/input'):
 14        for filename in filenames:
 15            print(os.path.join(dirname, filename))
 16
 17    # You can write up to 20GB to the current directory (/kaggle/working/) that gets preserved as output when you
 18    # You can also write temporary files to /kaggle/temp/, but they won't be saved outside of the current session
 19
 20    # %% [code] {"execution":{"iopub.status.busy":"2023-10-27T04:25:09.114058Z","iopub.execute_input":"2023-10-27T(
 21    import pandas as pd
 22    import nltk
 23    from nltk.sentiment import SentimentIntensityAnalyzer
 24    import warnings
 25    warnings.filterwarnings("ignore")
 26    from sklearn.model_selection import train_test_split
 27    from sklearn.feature_extraction.text import TfidfVectorizer
 28    from sklearn.svm import SVC
 29    from sklearn.metrics import accuracy_score, classification_report
 30
 31    # %% [code] {"execution":{"iopub.status.busy":"2023-10-27T04:25:10.243502Z","iopub.execute_input":"2023-10-27T(
 32    fake = pd.read_csv('/kaggle/input/fake-and-real-news-dataset/Fake.csv')
 33    true = pd.read_csv('/kaggle/input/fake-and-real-news-dataset/True.csv')
 34
 35    # %% [code] {"execution":{"iopub.status.busy":"2023-10-27T04:25:12.787408Z","iopub.execute_input":"2023-10-27T(
 36    fake['Category'] = 'fake'
 37    fake
 38
 39    # %% [code] {"execution":{"iopub.status.busy":"2023-10-27T04:25:12.815088Z","iopub.execute_input":"2023-10-27T(
 40    true['Category'] = 'true'
 41    true
 42
 43    # %% [code] {"execution":{"iopub.status.busy":"2023-10-27T04:25:12.832993Z","iopub.execute_input":"2023-10-27T(
 44    data = pd.concat([fake, true], ignore_index=True)
```

Use `Control + Shift + m` to toggle the `tab` key moving focus. Alternatively, use `esc` then `tab` to move to the next interactive element on the page.

47   # %% [code] {"execution":{"iopub.status.busy":"2023-10-27T04:25:12.8595317","iopub.execute_input":"2023-10-27T