

README

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File Structure

Ensure that the json data is stored in the below file structure

data -> data_source -> company_name -> data_source_company_name_[0-n].json

Order of running scripts

1. `data_preprocess.ipynb`
2. `text_preprocess.ipynb`
3. `sentiment_analysis.ipynb`
4. `app.R`

Dependencies

These modules and packages should be installed in advance (or while running the scripts) for smooth running of the analysis and application

Python modules:

- pandas
- matplotlib
- nltk
- textblob

R packages

- ggplot2
- shinydashboard
- shinyWidgets
- stringr
- tidyverse
- tigris