

PORTFOLIO BUILDING



Kurnia Anwar Ra'if

A Highly -motivated Data Scientist

Senior Data & AI Platform - PT. Mastersystem Infotama Tbk

Data Scientist @ PT. KitaLulus International

Data Scientist @ PT. Sharing Vision – BRI Consultant

Software Engineering @ PT. AILIMA Geothermal

Mentor DS - @Kelas.com

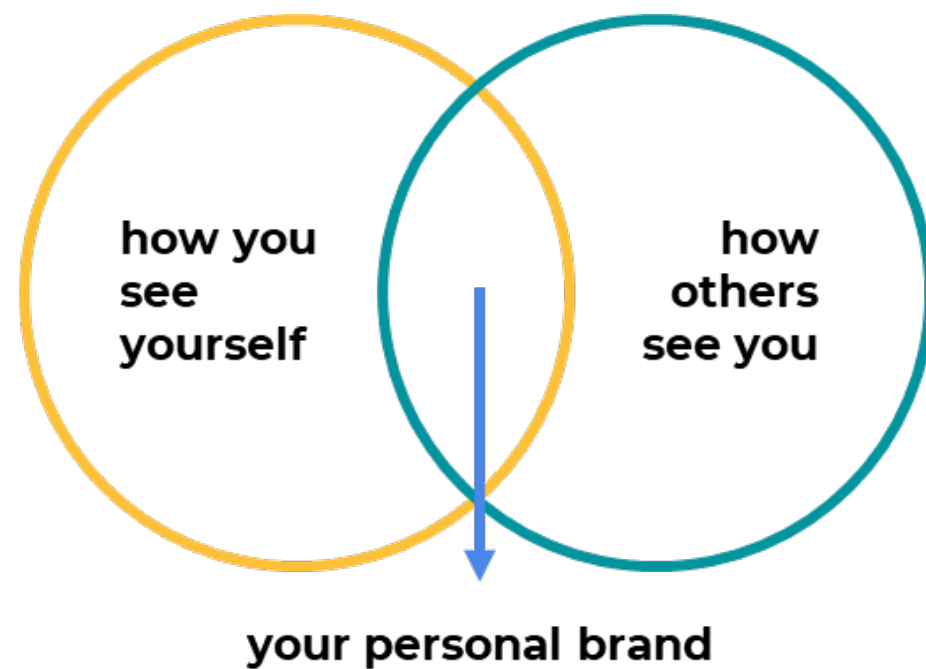


OUTLINE

1. Impact Portfolio to get the jobs
2. Step by step to create portfolio
3. Brief Assignment pembuatan Portfolio

IMPACT PORTFOLIO TO GET THE JOBS

Your personal brand is what people say about you when you are not in the room.



Portfolio = personal brand

*Your personal brand encompasses the **offerings** you deliver ; the assortment of **values** you advocate for ; and the unique **resources, skills and knowledge** you bring to the table . Effective personal branding will **differentiate** you from the competition and allow you to **build trust** with prospective clients and employers .*

Key elements of a successful personal branding:

90%

Hiring managers think that a candidate's social profiles are important to consider

78%

Employers use social media to screen candidates during hiring process

58%

Hiring managers think that good culture -fitness is more important than a candidate's skills or experience

48%

Employers use social media to check on current employees

STEP BY STEP TO CREATE PORTFOLIO

What can be included in your **portfolio** ?

Anything that can proof your skills OR shows your interest .



Interactive Dashboard



ML Prediction Model



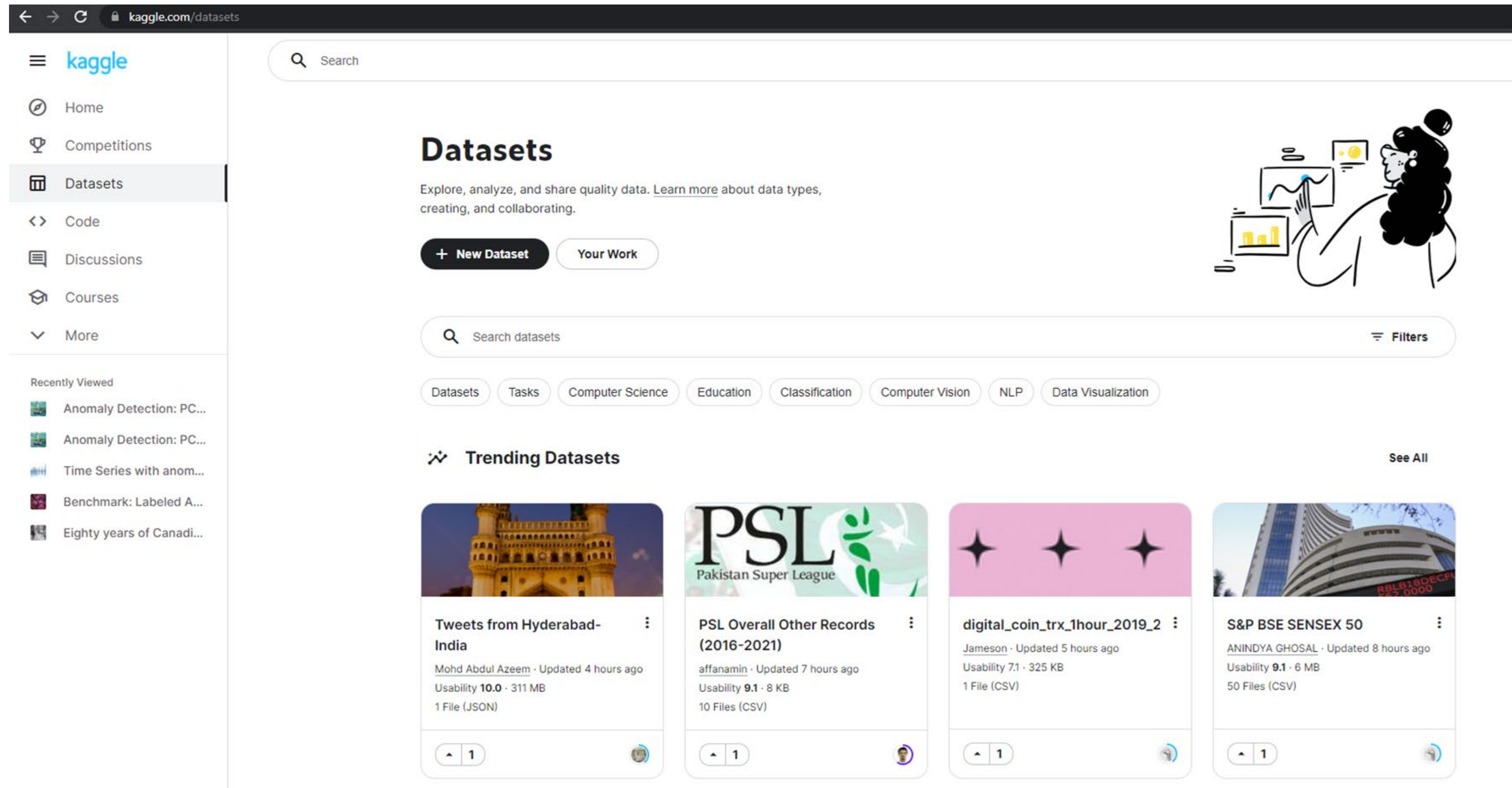
SQL Projects & RDBMS Warehouse



Business Case Analysis : Cohort Analysis, etc

Where to find Dataset ? Kaggle Dataset

(kaggle.com/datasets)



The screenshot shows the Kaggle Datasets homepage. The left sidebar contains navigation links: Home, Competitions, Datasets (highlighted), Code, Discussions, Courses, and More. Below these are 'Recently Viewed' items. The main content area features a search bar, a 'New Dataset' button, and a 'Your Work' button. A 'Search datasets' bar with a 'Filters' button is also present. Below this are category tags: Datasets, Tasks, Computer Science, Education, Classification, Computer Vision, NLP, and Data Visualization. The 'Trending Datasets' section displays four dataset cards:

- Tweets from Hyderabad-India** by Mohd Abdul Azeem, updated 4 hours ago. Usability 10.0, 311 MB, 1 File (JSON).
- PSL Overall Other Records (2016-2021)** by affanamin, updated 7 hours ago. Usability 9.1, 8 KB, 10 Files (CSV).
- digital_coin_trx_1hour_2019_2** by Jameson, updated 5 hours ago. Usability 7.1, 325 KB, 1 File (CSV).
- S&P BSE SENSEX 50** by ANINDYA GHOSAL, updated 8 hours ago. Usability 9.1, 6 MB, 50 Files (CSV).

TIPS FOR UPLOAD TO GITHUB REPOSITORY

where you can share your code in repository

1. Rich README.MD
2. Clear commented code
3. Add repo tags and 'About' description
4. Add corresponding presentation slides if it's necessary

Example Repository :

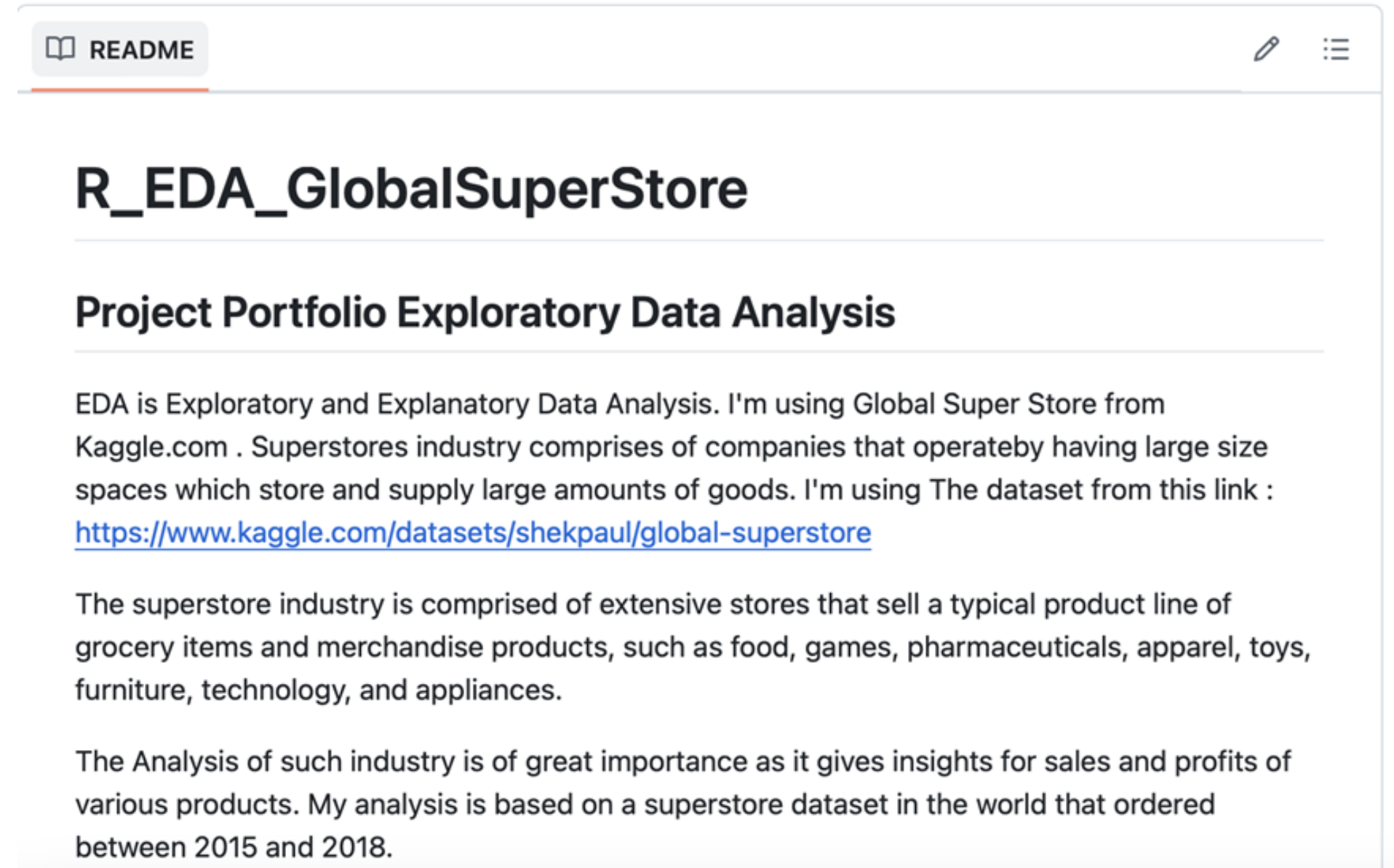
https://github.com/anwarraif/R_ExploratoryDataAnalysis

GitHub Repository

1. Rich README.MD

Project description, goals, insight
dependency, advice

https://github.com/anwarraif/R_ExploratoryDataAnalysis

A screenshot of a GitHub repository's README file. The repository name is 'R_EDA_GlobalSuperStore'. The README title is 'Project Portfolio Exploratory Data Analysis'. The content describes the project as Exploratory and Explanatory Data Analysis using the Global Super Store dataset from Kaggle.com. It includes a link to the dataset and a description of the superstore industry and the importance of the analysis.

README

R_EDA_GlobalSuperStore

Project Portfolio Exploratory Data Analysis

EDA is Exploratory and Explanatory Data Analysis. I'm using Global Super Store from Kaggle.com . Superstores industry comprises of companies that operate by having large size spaces which store and supply large amounts of goods. I'm using The dataset from this link : <https://www.kaggle.com/datasets/shekpaul/global-superstore>

The superstore industry is comprised of extensive stores that sell a typical product line of grocery items and merchandise products, such as food, games, pharmaceuticals, apparel, toys, furniture, technology, and appliances.

The Analysis of such industry is of great importance as it gives insights for sales and profits of various products. My analysis is based on a superstore dataset in the world that ordered between 2015 and 2018.

GitHub Repository

2. Clear commented code

Describe line of codes that needs further explanation

Linear Regression

```
[ ] # Importing Linear Regression model from scikit learn
    from sklearn.linear_model import LinearRegression
```

```
[ ] # Create new axis for x column in array
    import numpy as np
    # Convert X_train and X_test to NumPy arrays
    X_train = X_train.to_numpy()
    X_test = X_test.to_numpy()

    # Add new axis to the end
    X_train = X_train[:, np.newaxis]
    X_test = X_test[:, np.newaxis]
```

GitHub Repository

3. Add repo tags and 'About' description

So that your repo can be indexed and searched

About



EDA is Exploratory and Explanatory Data Analysis. Global Super Store from Kaggle.com . Superstores industry comprises of companies that operate by having large size spaces which store and supply large amounts of goods.

python

data-science

data

eda

data-analysis-python

superstore-data-analysis

GitHub Repository

4. Add corresponding presentation slides if it's necessary (Optional)

So that other people can see your slide-making skill as well

SENN_PPT.pptx

Add PPT

9 months ago

data_scraping_stocktwits.py

New Commit

14 months ago

data_scraping_yfinance.py

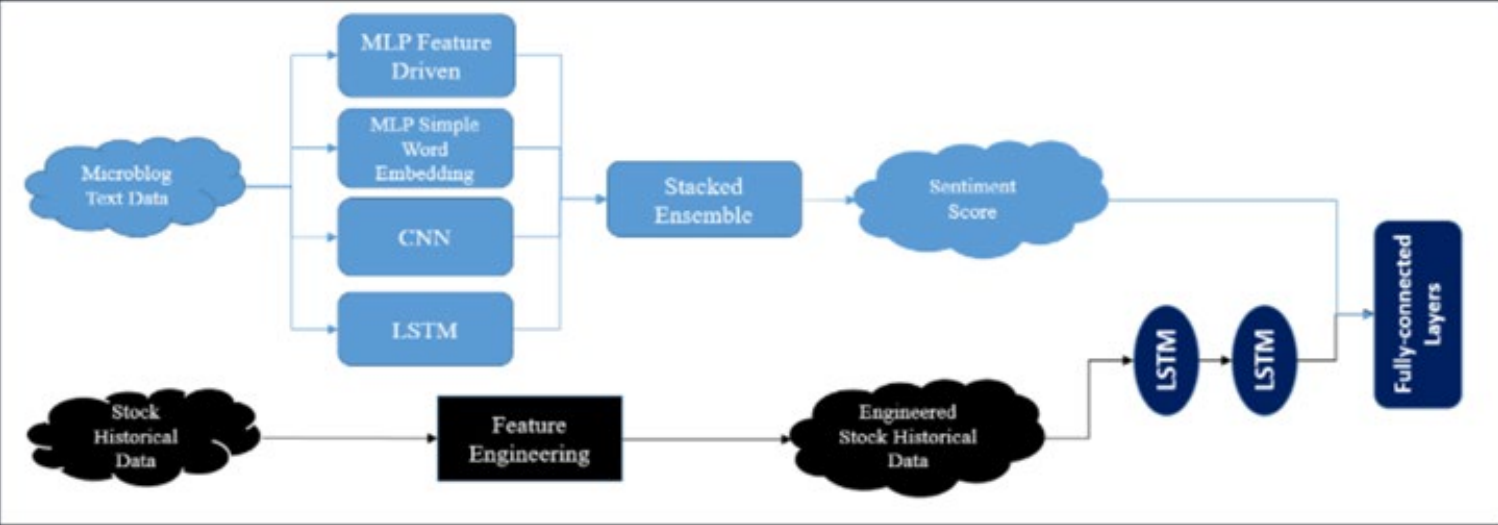
New Commit

14 months ago

README.md

SENN

This repository provides code implementation of the presented paper on The International Conference on Data Science and Its Applications (ICoDSA) 2020, entitled "SENN: Stock Ensemble-based Neural Network for Stock Market Prediction using Historical Stock Data and Sentiment Analysis", written by Louis Owen and Finny Oktariani.



You can see the recorded presentation [here](#) and download the PPT [here](#)

TIPS PUBLISH PORTFOLIO IN LINKEDIN

The place where you can gain audiences for your project

1. Write the headline
2. Write descriptive yet effective content
3. Don't make all of this about YOU
4. Never write more than 2 sentences in each paragraph
5. Provide relevant links in the comment section
6. Add only the preview of your project that can be 'sold'
7. Add hashtags

LinkedIn

1. Write the headline

To deliver the key takeaways we want them to get after reading our post



Kurnia Anwar Ra'if • You
Data Scientist | Machine Learning Engineer
3w • Edited •

[Document Retrieval and Embedding System using RAG Framework]

I'm excited to share my recent project focused on developing an advanced Retrieval-Augmented Generation (RAG) system for efficiently retrieving information about Cirebon cuisine (it can be customization with another knowledges). The system utilizes OpenAI's API to transform text into high-dimensional embeddings, which are then stored in a PostgreSQL database enhanced with pgvector.

I'm passionate and happy to share knowledge in AI-driven techniques for knowledge management and document indexing. This project has been an incredible journey, and I'm eager to discuss the possibilities.

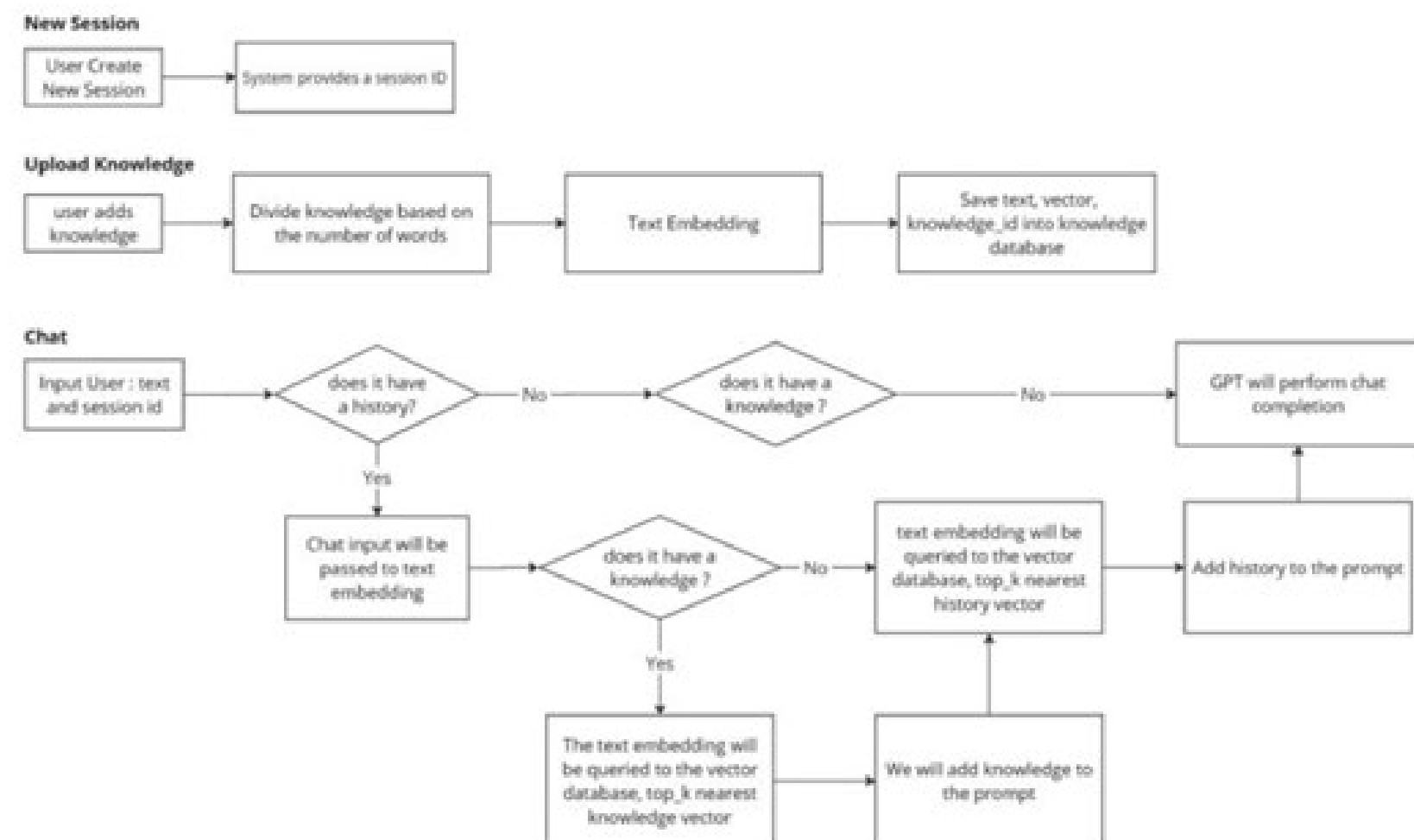
A special thanks to my mentor, [Ruby Abdullah](#), for the invaluable guidance and support throughout this project. 🙏

Hope this can be useful for readers !

The complete project link is in the github repo in the comments section. 📄

#RAG #LLM #AI

The complete project link is in the github repo in the comments section. 📄



👤 Ruby Abdullah and 51 others

7 comments

LinkedIn

2. Write descriptive yet effective content

To deliver the key takeaways we want them to get after reading our post



Kurnia Anwar Ra'if • You
Data Scientist | Machine Learning Engineer
3w • Edited •

[Document Retrieval and Embedding System using RAG Framework]

I'm excited to share my recent project focused on developing an advanced Retrieval-Augmented Generation (RAG) system for efficiently retrieving information about Cirebon cuisine (it can be customization with another knowledges). The system utilizes OpenAI's API to transform text into high-dimensional embeddings, which are then stored in a PostgreSQL database enhanced with pgvector.

I'm passionate and happy to share knowledge in AI-driven techniques for knowledge management and document indexing. This project has been an incredible journey, and I'm eager to discuss the possibilities.

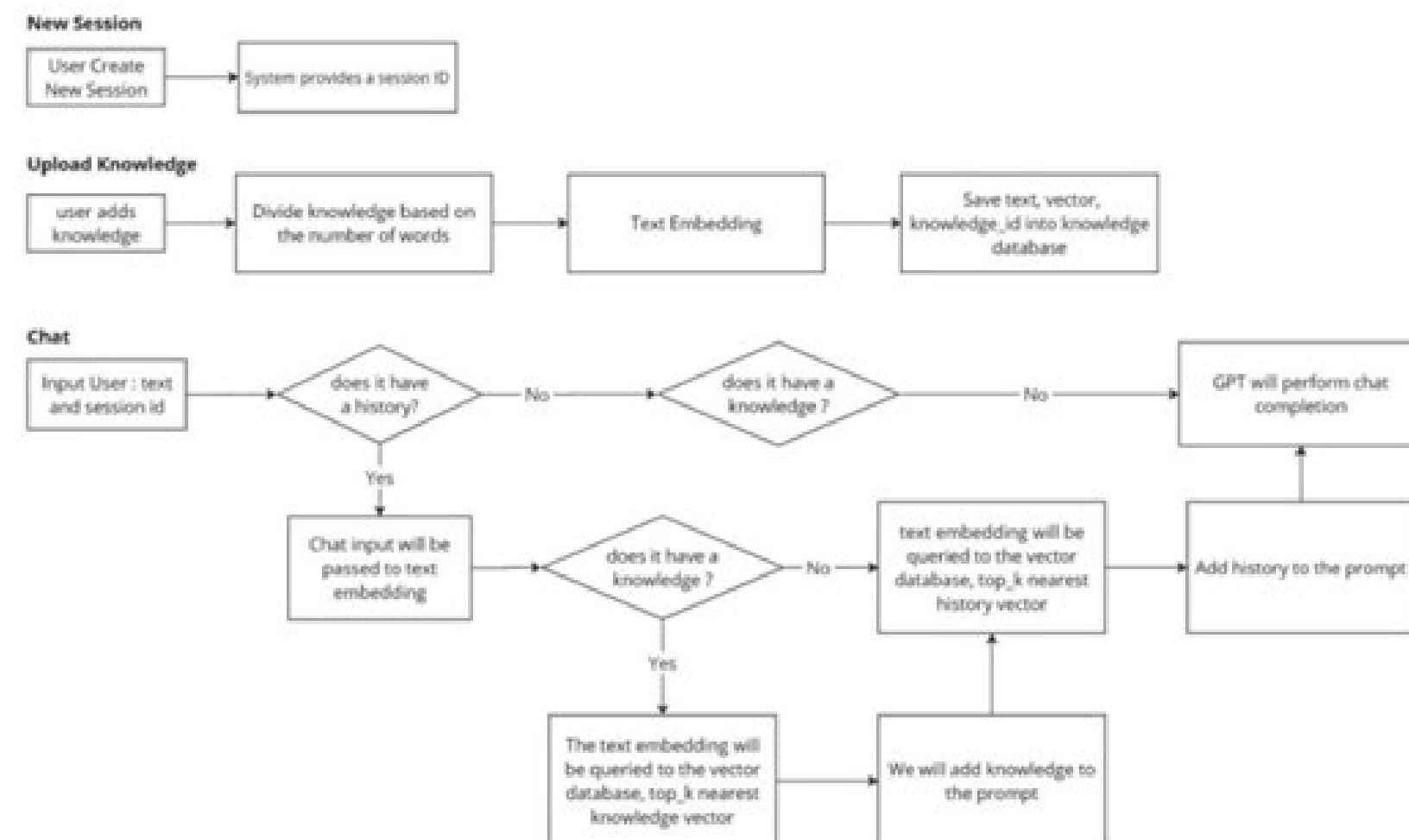
A special thanks to my mentor, [Ruby Abdullah](#), for the invaluable guidance and support throughout this project. 🙏

Hope this can be useful for readers !

The complete project link is in the github repo in the comments section. 📌

#RAG #LLM #AI

The complete project link is in the github repo in the comments section. 📌




 Ruby Abdullah and 51 others


7 comments

LinkedIn

3. Don't make all of this about YOU

People tend to be happier when they saw something that is beneficial for them



Kurnia Anwar Ra'if • You
Data Scientist | Machine Learning Engineer
3w • Edited • 

...

[Document Retrieval and Embedding System using RAG Framework]

I'm excited to share my recent project focused on developing an advanced Retrieval-Augmented Generation (RAG) system for efficiently retrieving information about Cirebon cuisine (it can be customization with another knowledges). The system utilizes OpenAI's API to transform text into high-dimensional embeddings, which are then stored in a PostgreSQL database enhanced with pgvector.

I'm passionate and happy to share knowledge in AI-driven techniques for knowledge management and document indexing. This project has been an incredible journey, and I'm eager to discuss the possibilities.

A special thanks to my mentor, [Ruby Abdullah](#), for the invaluable guidance and support throughout this project. 🙌

Hope this can be useful for readers !

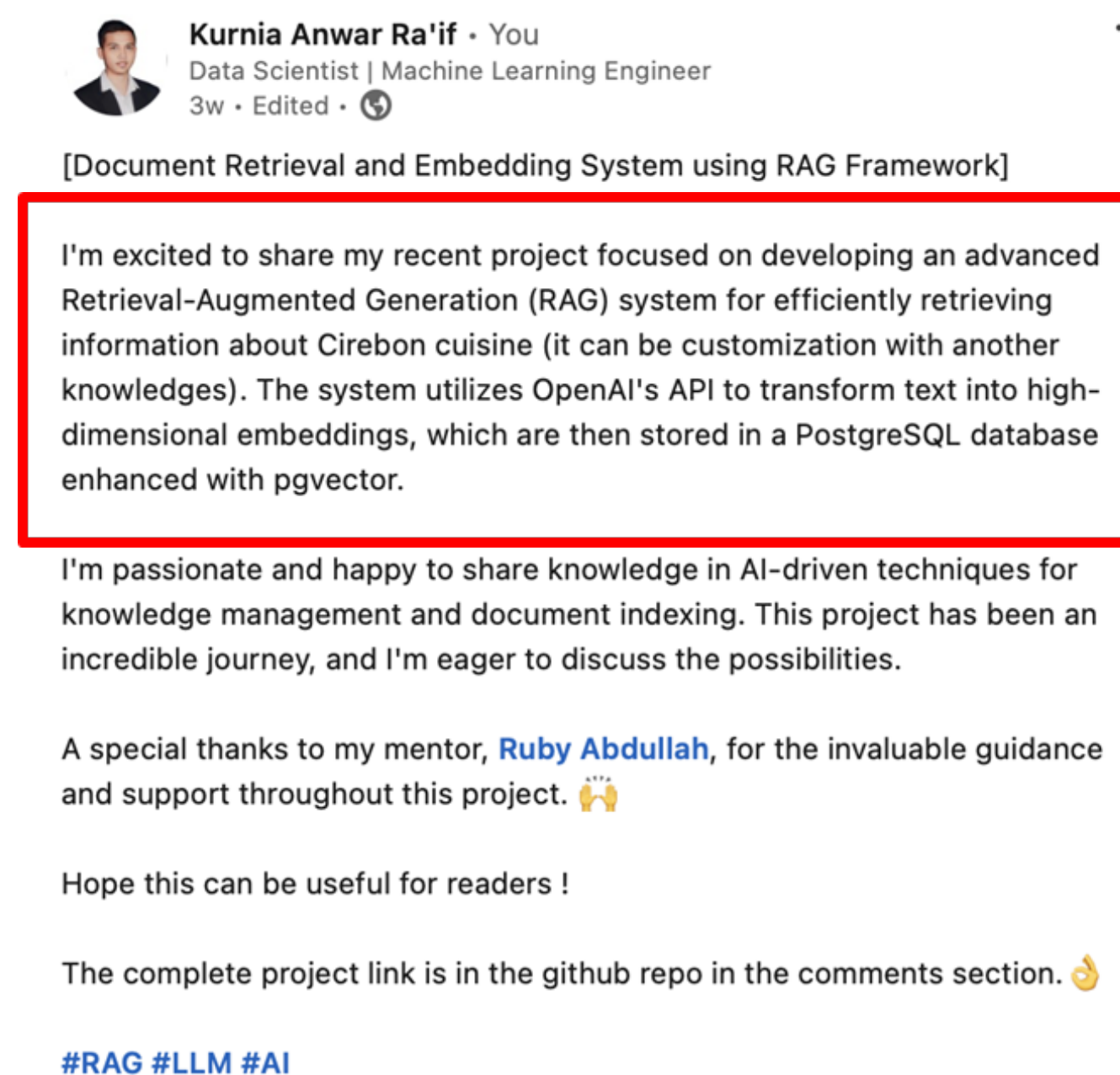
The complete project link is in the github repo in the comments section. 🙌

[#RAG](#) [#LLM](#) [#AI](#)

LinkedIn

4. Never write more than 2 sentences in each paragraph

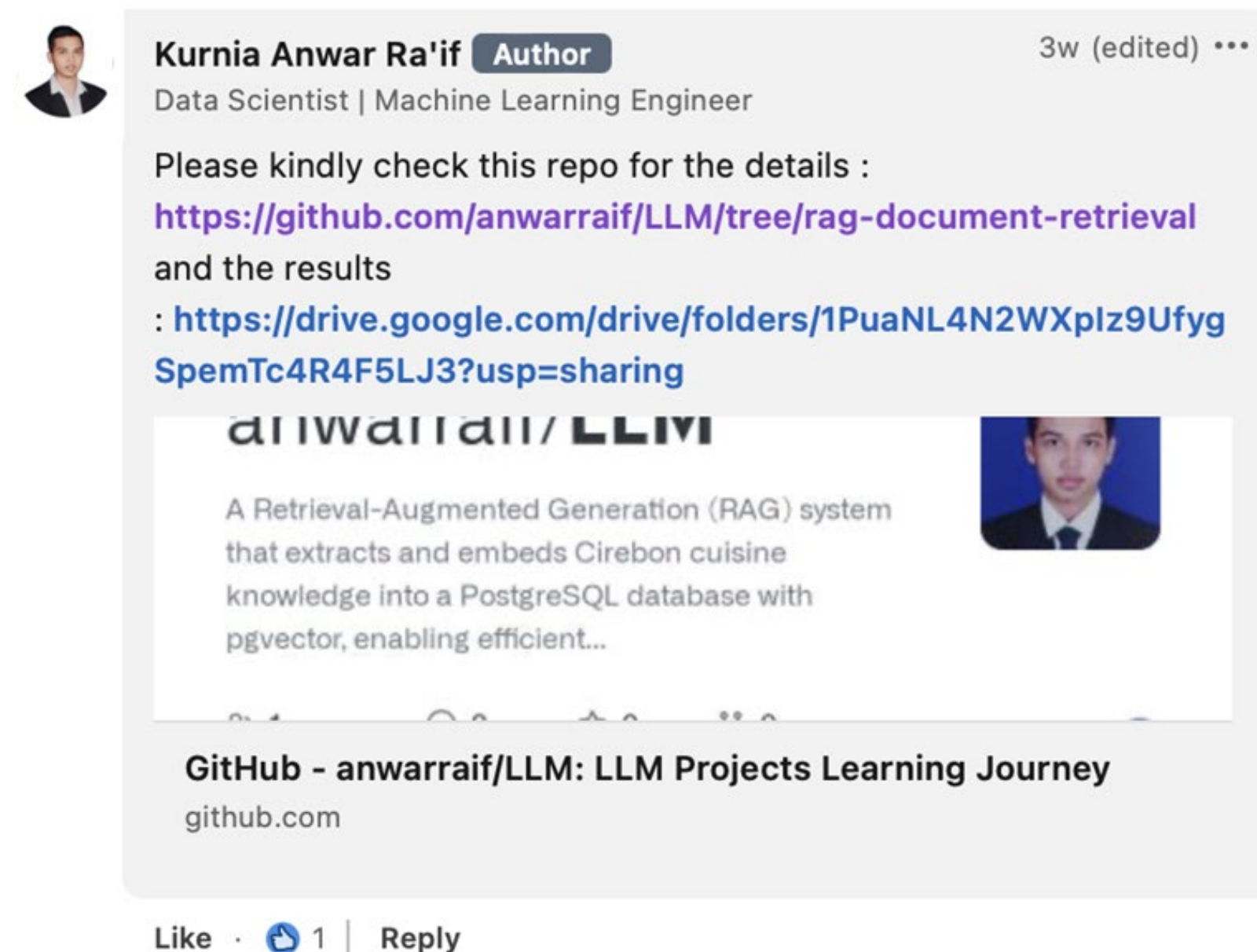
To keep your reader's eye wide open



LinkedIn

5. Provide relevant links in the comment section

LinkedIn's algorithm will share your post to a broader audience when you don't put any external link in your post body . Adding github repository link .



LinkedIn

6. Add only the preview of your project that can be 'sold'

Too many details is not good (Screenshot of flowchart projects or video)



<https://medium.com/dot-intern/jenis-flowchart-dan-simbol-simbolnya-ef6553c53d73>

LinkedIn

7. Add hashtags

So that your post can be indexed by LinkedIn

Notes : If there are >1 images, save them in a format PPT / PDF



Kurnia Anwar Ra'if • You
Data Scientist | Machine Learning Engineer
3w • Edited •

...

[Document Retrieval and Embedding System using RAG Framework]

I'm excited to share my recent project focused on developing an advanced Retrieval-Augmented Generation (RAG) system for efficiently retrieving information about Cirebon cuisine (it can be customization with another knowledges). The system utilizes OpenAI's API to transform text into high-dimensional embeddings, which are then stored in a PostgreSQL database enhanced with pgvector.

I'm passionate and happy to share knowledge in AI-driven techniques for knowledge management and document indexing. This project has been an incredible journey, and I'm eager to discuss the possibilities.

A special thanks to my mentor, [Ruby Abdullah](#), for the invaluable guidance and support throughout this project. 🙌

Hope this can be useful for readers !

The complete project link is in the github repo in the comments section. 🙌

[#RAG](#) [#LLM](#) [#AI](#)

BRIEF ASSIGNMENT CREATING PORTFOLIO

BRIEF ASSIGNMENT I CREATING PORTFOLIO :

1. Buatlah portofolio yang di-posting ke github untuk code, dataset dan ppt yang sudah dibuat .
2. Share portofolio anda ke linkedin sesuai tips -tips yang diberikan beserta lampiran ppt nya juga.

QNA

Question And Answer

THANK YOU



<https://www.linkedin.com/in/anwaraif/>



kurniafreelancer@gmail.com