



# 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/BI/AI-ML - @ Dibimbing.id





# Outline :

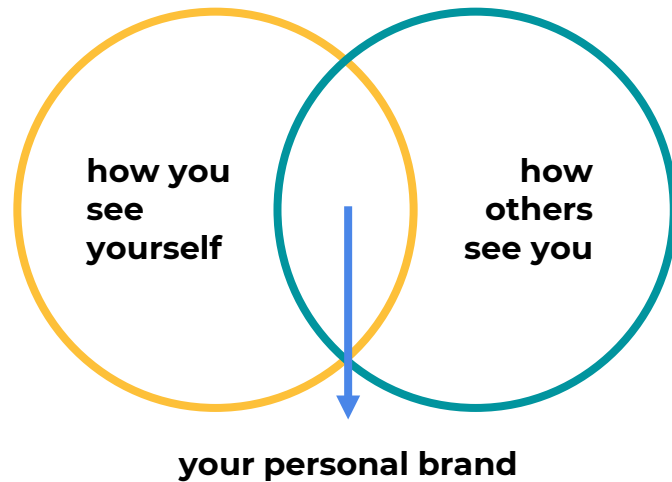
1. Impact Portfolio to get the jobs
2. Step by step to create portfolio
3. Brief Assignment pembuatan Portfolio



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.

1

**Interactive Dashboard**

2

**ML Prediction Model**

3

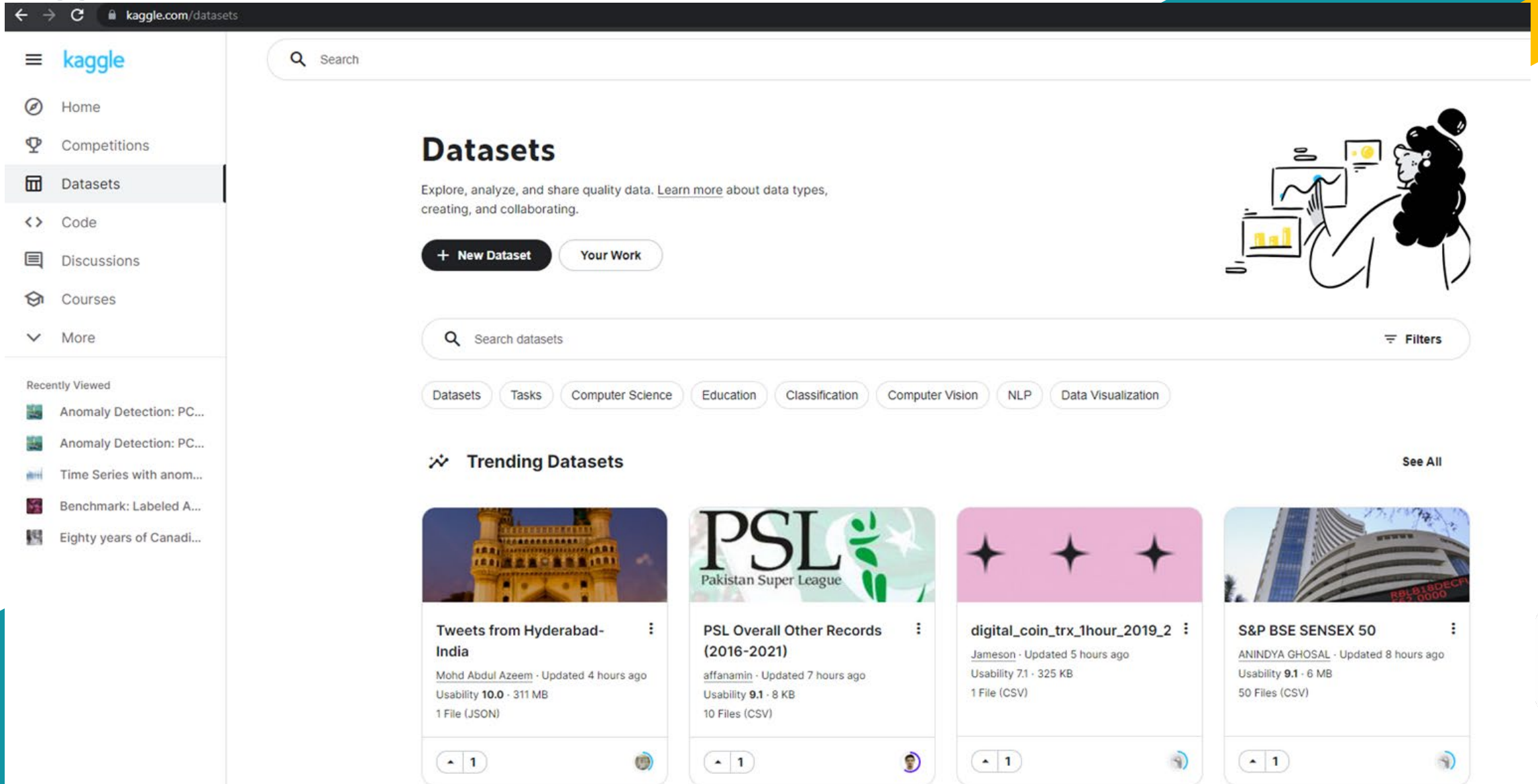
**SQL Projects & RDBMS Warehouse**

4

**Business Case Analysis : Cohort Analysis, etc**

# Where to find Dataset ? Kaggle Dataset

(kaggle.com/datasets)



The image is a screenshot of the Kaggle Datasets homepage. The browser address bar shows 'kaggle.com/datasets'. 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 has a search bar, a 'New Dataset' button, and a 'Your Work' button. A large illustration of a person interacting with data visualizations is on the right. Below the search bar are category filters: Datasets, Tasks, Computer Science, Education, Classification, Computer Vision, NLP, and Data Visualization. The 'Trending Datasets' section displays four dataset cards: 'Tweets from Hyderabad-India', 'PSL Overall Other Records (2016-2021)', 'digital\_coin\_trx\_1hour\_2019\_2', and 'S&P BSE SENSEX 50'. Each card shows the dataset name, creator, update time, usability score, size, and file format.

**kaggle**

Home

Competitions

**Datasets**

Code

Discussions

Courses

More

Recently Viewed

- Anomaly Detection: PC...
- Anomaly Detection: PC...
- Time Series with anom...
- Benchmark: Labeled A...
- Eighty years of Canadi...

Search

## Datasets

Explore, analyze, and share quality data. [Learn more](#) about data types, creating, and collaborating.

+ New Dataset Your Work


Search datasets

Filters

Datasets Tasks Computer Science Education Classification Computer Vision NLP Data Visualization

### Trending Datasets

See All




**Tweets from Hyderabad-India**

Mohd Abdul Azeem · Updated 4 hours ago

Usability **10.0** · 311 MB

1 File (JSON)




**PSL Overall Other Records (2016-2021)**

affanamin · Updated 7 hours ago

Usability **9.1** · 8 KB

10 Files (CSV)




**digital\_coin\_trx\_1hour\_2019\_2**

Jameson · Updated 5 hours ago

Usability 7.1 · 325 KB

1 File (CSV)



**S&P BSE SENSEX 50**

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](https://github.com/anwarraif/R_ExploratoryDataAnalysis)

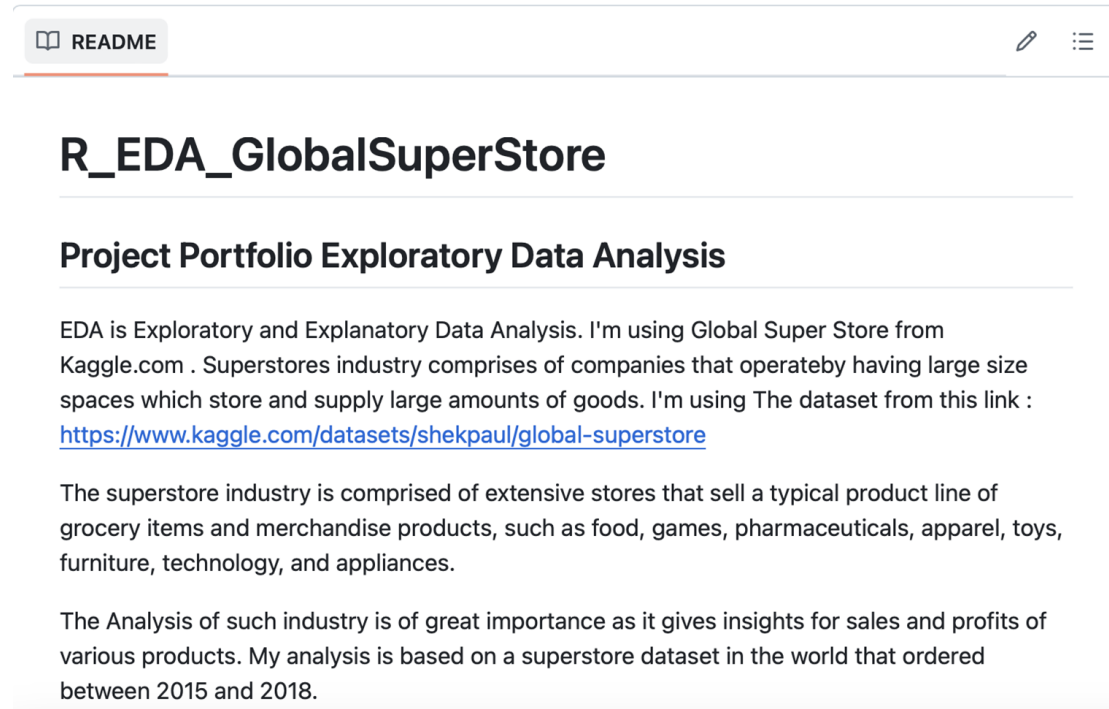
# Tips for Upload to github repository

## GitHub Repository



### 1. Rich README.MD

Project description, goals, insight dependency, advice



[https://github.com/anwarraif/R\\_ExploratoryDataAnalysis](https://github.com/anwarraif/R_ExploratoryDataAnalysis)

# Tips for Upload to github repository

## 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]
```

# Tips for Upload to github repository

## 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

Tips for Upload to  
github repository

The screenshot shows a GitHub repository interface. At the top, a file list includes 'SENN\_PPT.pptx' (Add PPT, 9 months ago), 'data\_scraping\_stocktwits.py' (New Commit, 14 months ago), and 'data\_scraping\_yfinance.py' (New Commit, 14 months ago). Below this is a 'README.md' file. The README content includes the title 'SENN' and a description: '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.' A flowchart diagram illustrates the model architecture, showing inputs like 'Microblog Text Data' and 'Stock Historical Data' feeding into various processing blocks like 'MLP Feature Driven', 'MLP Simple Word Embedding', 'CNN', 'LSTM', 'Stacked Ensemble', 'Sentiment Score', 'Feature Engineering', 'Engineered Stock Historical Data', and 'Fully-connected Layers'. At the bottom of the README, a red box highlights the text: '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

# Tips publish portofolio in linkedin

## 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. 🙌

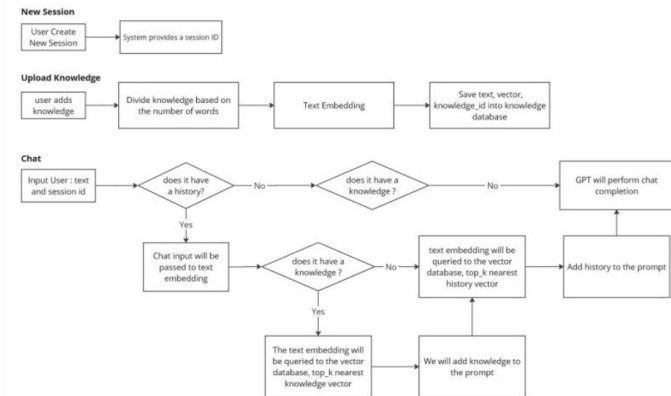
Hope this can be useful for readers !

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

# Tips publish portfolio in linkedin

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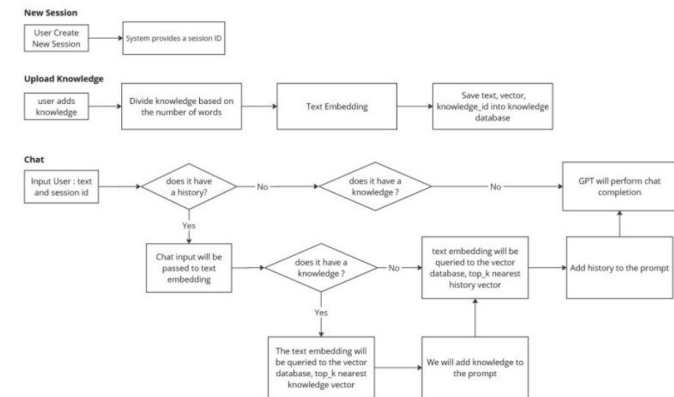
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## LinkedIn



### 3. Don't make all of this about YOU

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



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

# Tips publish portfolio in linkedin

## LinkedIn



### 4. Never write more than 2 sentences in each paragraph

To keep your reader's eye wide open



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3w • Edited •



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

# Tips publish portfolio in linkedin

## 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.



**Kurnia Anwar Ra'if** Author

3w (edited) ...

Data Scientist | Machine Learning Engineer

Please kindly check this repo for the details :

<https://github.com/anwarraif/LLM/tree/rag-document-retrieval>

and the results

: <https://drive.google.com/drive/folders/1PuaNL4N2WXplz9UfygSpemTc4R4F5LJ3?usp=sharing>

**anwarraif/LLM**

A Retrieval-Augmented Generation (RAG) system that extracts and embeds Cirebon cuisine knowledge into a PostgreSQL database with pgvector, enabling efficient...



**GitHub - anwarraif/LLM: LLM Projects Learning Journey**

github.com

Like · 1 | Reply

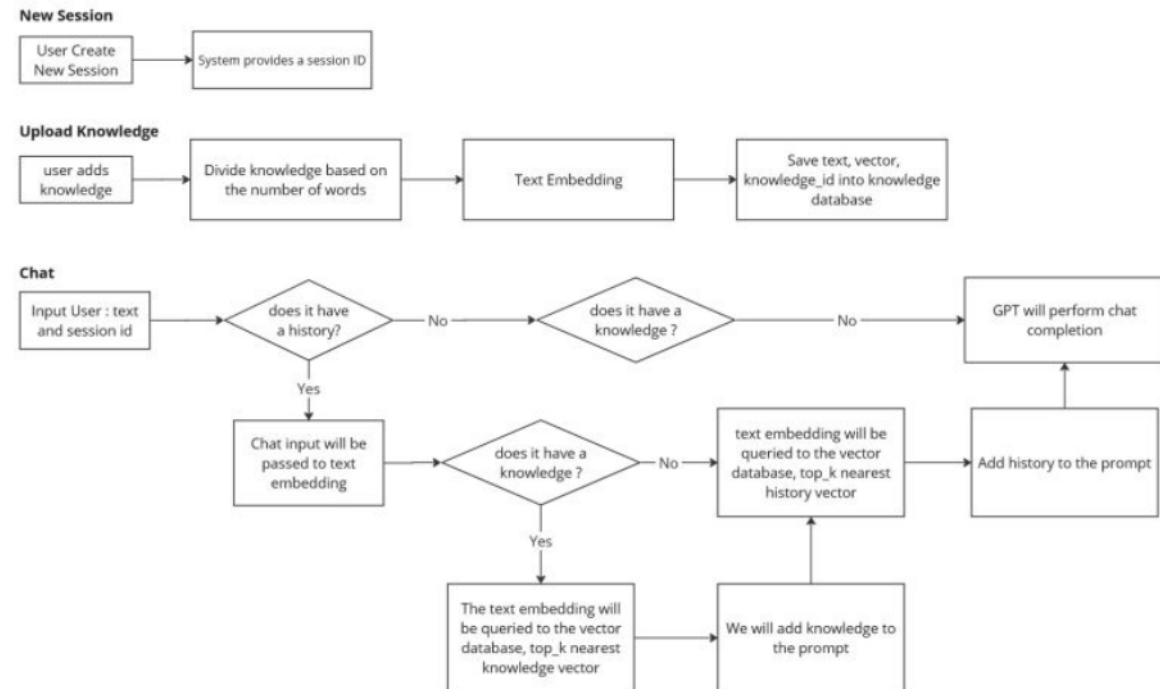


# LinkedIn

## Tips publish portfolio in 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)



# Tips publish portfolio in linkedin

## LinkedIn

### 7. Add hashtags

So that your post can be indexed by LinkedIn

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



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[#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 (opsional) yang sudah dibuat.
2. Share portofolio anda ke linkedin sesuai tips-tips yang diberikan beserta lampiran ppt (opsional) nya juga.



Q & A



# Thank you



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



[kurniafreelancer@gmail.com](mailto:kurniafreelancer@gmail.com)

