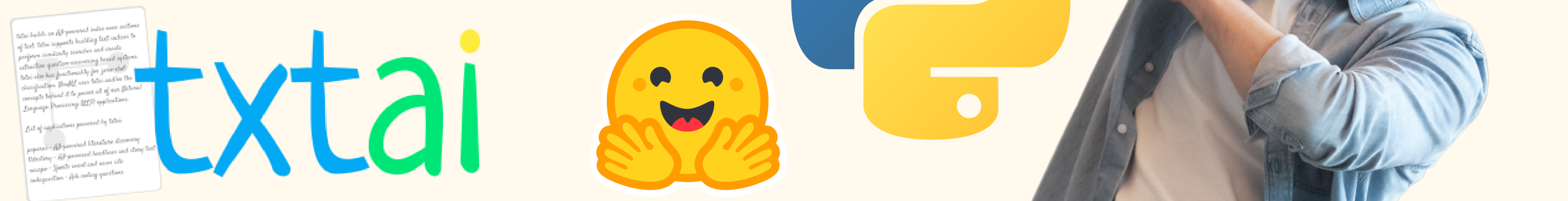REVOLUTIONIZE YOUR SEARCH EXPERIENCE WITH HYBRID SEARCH

COMBINING IMAGE AND TEXT SEARCH USING TXTAI

SEARCH VECTOR STORE PROCESS

1. IMAGE

2. TEXT / CAPTION

BOTH IMAGE AND TEXT WILL BE REPRESENTED AS VECTORS AND STORED

IMAGE DATASET (WITH / WITHOUT CAPTION) → CREATE EMBEDDING USING CLIP MODEL → STORE THE EMBEDDING IN INDEX

→ QUERY THE INDEX USING IMAGE/ TEXT → LIST OF MATCHES

LETS PRACTICE THE VISION USECASES

- NOTEBOOK WILL USE THE IMAGE DATASET FROM KAGGLE

KAGGLE DATASETS DOWNLOAD -D PARAMAGGARWAL/FASHION-PRODUCT-IMAGES-SMALL

- THE SAME DATASET HAS BEEN UPLOADED INTO HUGGING FACE BY USER ASHRAQ.

insightbuilder/
python_de_learners_data

Repo contains the code, data and supporting documents including presentations, playbooks and additional documents to support learning

👥 2 Contributors   ⊙ 0 Issues   ☆ 28 Stars   ⑂ 12 Forks

python_de_learners_data/text_image_basedSearch.ipynb at main · insightbuilder/python_de_learners_data

Repo contains the code, data and supporting documents including presentations, playbooks and additional documents to support learning - python_de_learners_data/text_image_basedSearch.ipynb at main …
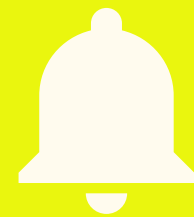
GitHub

THANKS FOR WATCHING

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