

DSA_Search Engine

Deployed website:- <https://dsa-search-engine-ss.herokuapp.com/>

This project is on a search engine which takes an input from a user in the search box and returns top 10 matches of DSA Problem from the database.

Why is the project useful?

Followings are the things i used to make this project:-

- Installation on PC: VisualStudio, Pycharm, Git, HerokuCLI
- Knowledge: Python, HTML, CSS, JS, NodeJS, ExpressJS, NLP, BM25 similarity Algorithm.

Approach for building Search Engine

Above repository contains code and a scraped database through which I developed the search engine.

File Description:-

- Web_scraping.py
- BM25_requirements.py
- Index.js
- requirement.txt
- Procfile
- .gitignore
- Package.json
- _public_folder
 - styles.css
 - images
- views_folder
 - index.ejs
 - detail.ejs
 - error.ejs
 - partials_folder: which further contains:-

- header.ejs
- footer.ejs
- nav.ejs