Job Analysis and Prediction

Description:

Create a simple web application that allows users to analyze and predict job opportunities available in the market. The application will gather data from various job platforms using web scraping techniques and apply machine learning algorithms to identify trends in the job market. Users should have the following options:

- Input a skill or job domain of interest: Users can input specific skills or professional fields to receive personalized information on available job opportunities.
- Start the scanning process: The application will begin scraping and analyzing data from job platforms, collecting relevant job postings, employer requirements, and job locations.
- Obtain a detailed report: The application will generate a report that includes a list of available jobs, the required skills, and an estimation of job demand based on various criteria.

Note: You have the freedom to choose how the pages of the application will look and add new features if you want.

Similar apps/tools:

LinkedIn Job Search
BestJobs

Coding resources:

Python Documentation
Web Scraping with BeautifulSoup
Flask Framework
Machine Learning with Scikit-learn
Multithreading & Multiprocessing

HTML & CSS:

HTML Basics
CSS Basics
JavaScript

GIT & Github:

GIT Documentation
GitHub Quickstart Guide

Libraries and more resource:

[Requests - Python HTTP Library](#)
[Beautiful Soup - Web Scraping](#)
[URLLib](#)
[Regex for Text Parsing](#)
[HTTP Libraries](#)