

Statement of Work

Data Acquisition - Asia, Chauncey, Thomas

Data Cleaning and Exploration - Asia, Chauncey

Model Development and Evaluation - Asia, Chauncey, Thomas

App Development and Creation - Asia, Chauncey

Blog Post Creation - Asia, Chauncey, Thomas

Poster Creation - Thomas

Github Development - Asia, Chauncey, Thomas

Citations

Below is a list of citations referenced in the blog post, in jupyter notebook cells, and used for learning.

In blog citations:

Sankhe, V., Shah, J., Paranjape, T., & Shankarmani, R. (2020). Skill based course recommendation system. *2020 IEEE International Conference on Computing, Power and Communication Technologies (GUCON)*. <https://doi.org/10.1109/gucon48875.2020.9231074>

Shahab, S. (Spring 2019.). *NEXT LEVEL: A COURSE RECOMMENDER SYSTEM BASED ON NEXT LEVEL: A COURSE RECOMMENDER SYSTEM BASED ON CAREER INTERESTS CAREER INTERESTS*. <https://doi.org/10.31979/etd.z4v2-k6gg>

The Most In-Demand Jobs Right Now. (n.d.). [Www.linkedin.com. https://www.linkedin.com/business/talent/blog/talent-strategy/most-in-demand-jobs](https://www.linkedin.com/business/talent/blog/talent-strategy/most-in-demand-jobs)

Jupyter Notebook citations:

nlp - Expanding English language contractions in Python. (n.d.). Stack Overflow. <https://stackoverflow.com/questions/19790188/expanding-english-language-contractions-in-python>

Exploratory Data Analysis For Text Data | EDA Using Python. (2020, April 26). Analytics Vidhya. <https://www.analyticsvidhya.com/blog/2020/04/beginners-guide-exploratory-data-analysis-text-data/>

Lopez, F. (2023, April 17). *langdetect*. GitHub. <https://github.com/fedelopez77/langdetect>

Referenced articles for learning:

O'Callaghan, Robert. *Building Recommendation Engines in Python* [MOOC]. DataCamp.
<https://app.datacamp.com/learn/courses/building-recommendation-engines-in-python>

Milano, S., Taddeo, M., & Floridi, L. (2020). Recommender systems and their ethical challenges. *AI & SOCIETY*, 35. <https://doi.org/10.1007/s00146-020-00950-y>

Harris, J. (2021, January 27). *Ethical problems with recommender systems*. Medium.
<https://towardsdatascience.com/ethical-problems-with-recommender-systeems-398198b5a4d2>

Olivares, A. (2019, July 7). *Building NLP Content-Based Recommender Systems*. Medium.
<https://medium.com/@armandj.olivares/building-nlp-content-based-recommender-systems-b104a709c042>

Zainurrohman, A. (2021, February 27). *Content-Based Recommender System Using NLP*. MLearning.ai.
<https://medium.com/mlearning-ai/content-based-recommender-system-using-nlp-445ebb777c7a>

Non-Negative Matrix Factorization | Topic Modelling using NMF. (n.d.). Www.youtube.com.
<https://www.youtube.com/watch?v=F0nQHfhMDTU>