

A Comprehensive and Subjective Job Searching Recommendation System

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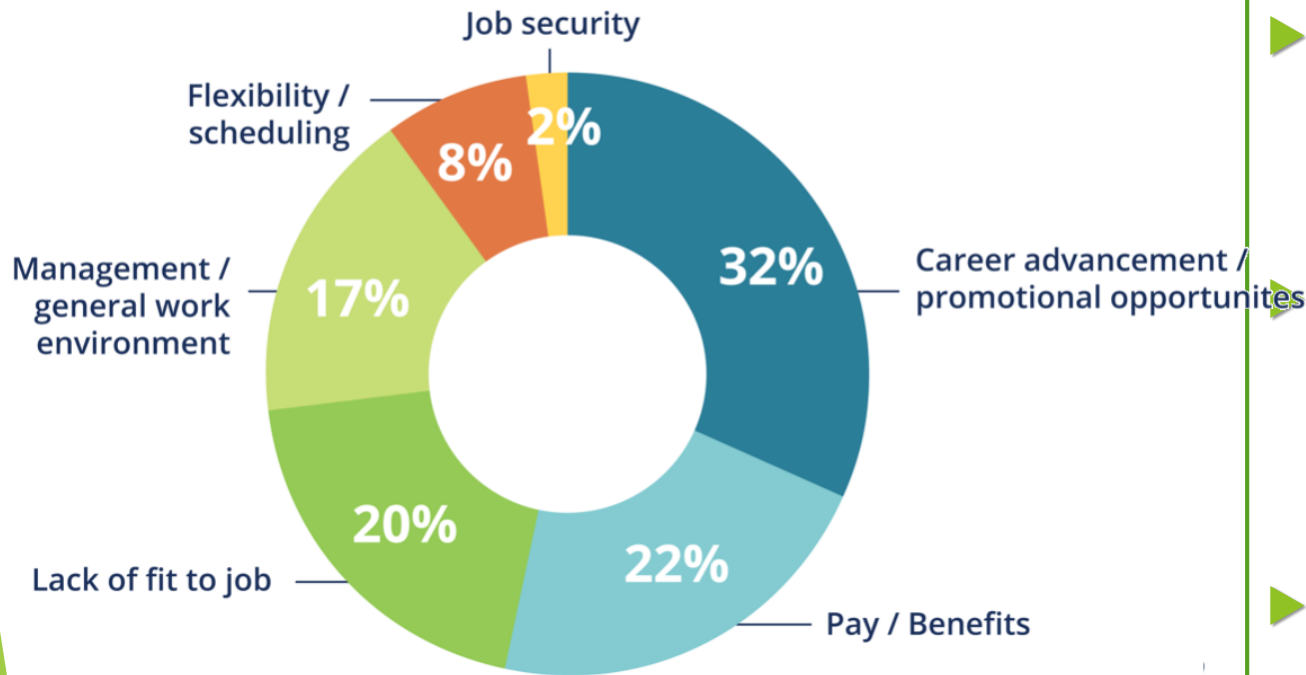
Ph.D. in Mechanical Engineering

Virginia Commonwealth University, Richmond, Virginia

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Motivation

TOP VOLUNTARY JOB-RELATED REASONS FOR CHANGING JOBS

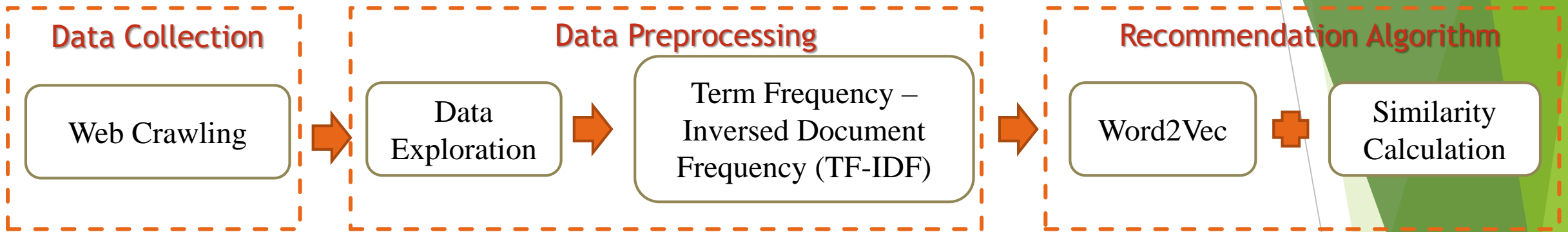


Source: Gallup

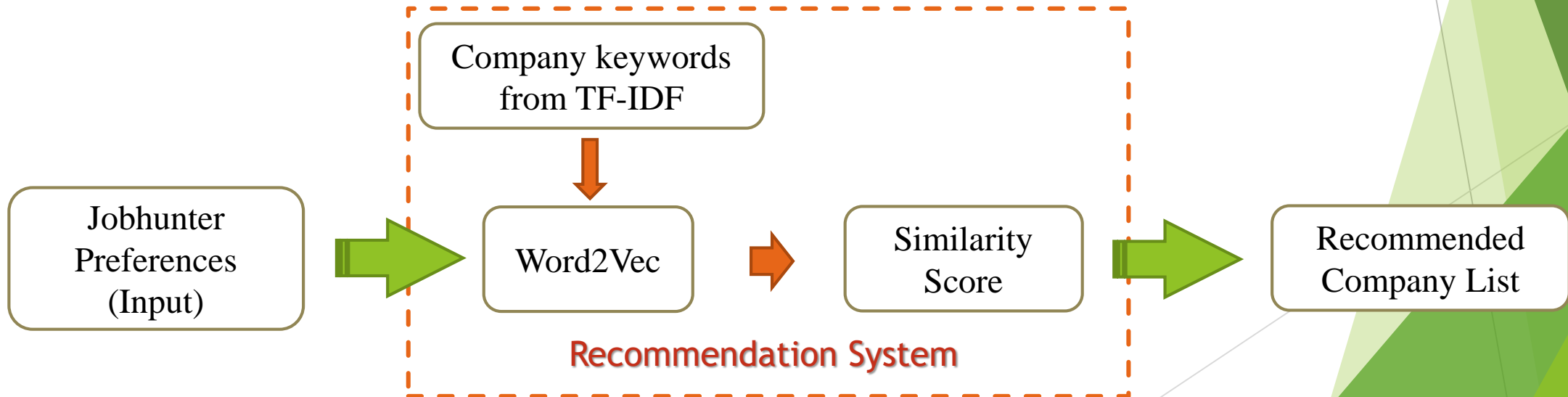
(<http://myaliat.com/news/employees-mentally-checked-out/top-voluntary-job-related-reasons-changing-jobs-gallup-aliat/>)

- ▶ **Frequently changing jobs has adverse effects on both employers and employees themselves.**
- ▶ **About 80% reasons are related to the features of the companies, such as culture, value, working environment, etc.**
- ▶ **Comprehensive and subjective understanding of the companies during the job searching process is important.**

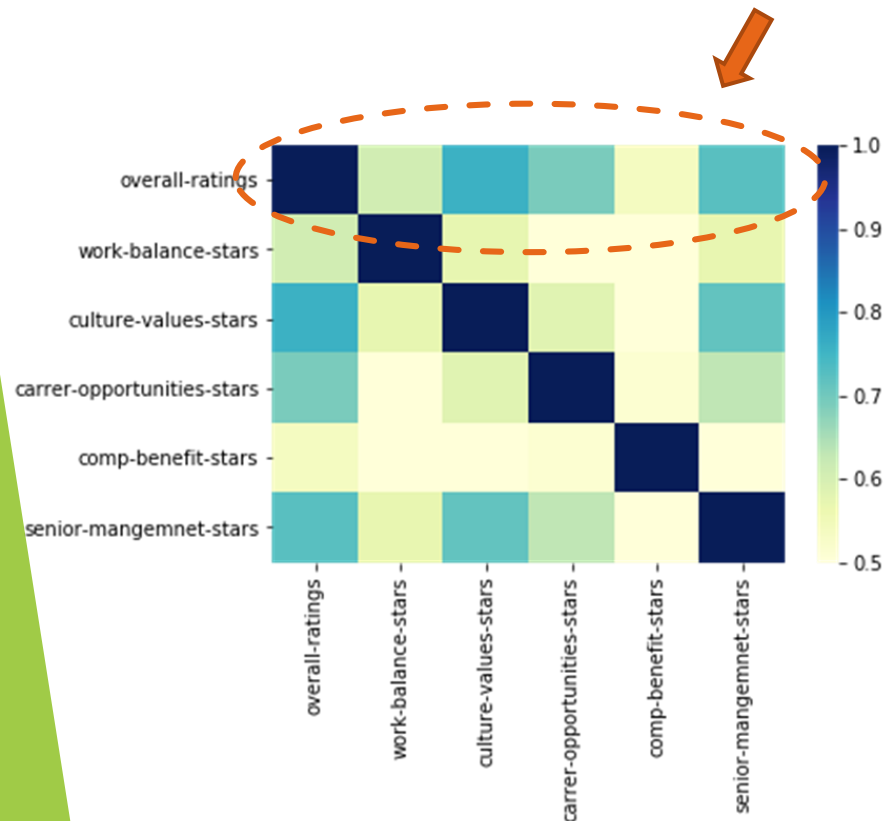
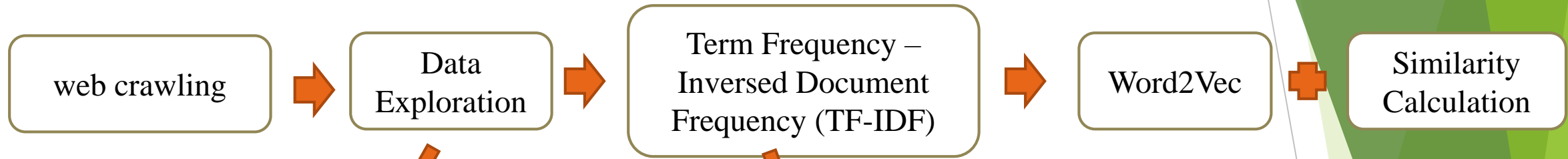
How do I build the system?



How to use the system?



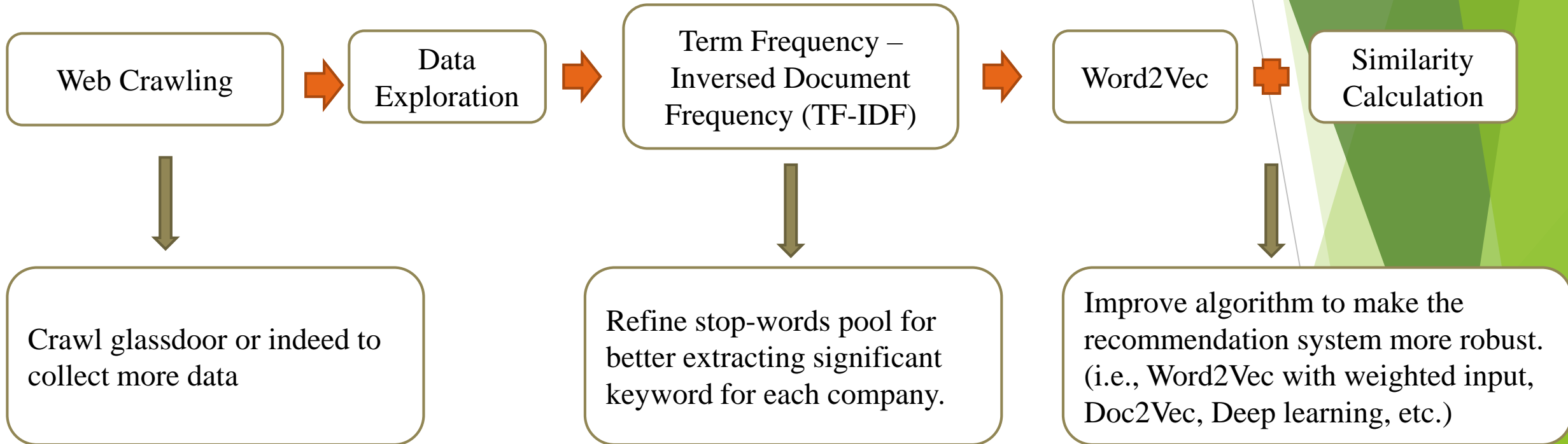
Takeaways so far...



- The overall ratings are more related to the company culture and management rather than 'money'.
- Wordclouds including the keywords have been plotted for companies.

* Darker color indicates higher correlation between the two features.

On-going Work...



*There is no **Mr.Wrong**,*

*but **Mr.Right** in the **WRONG** place!*



Thank you!
& Question?

* For more information, please refer to my github link: <https://github.com/liudi1025/TDI>