

A Comprehensive and Subjective Job Search Recommendation System

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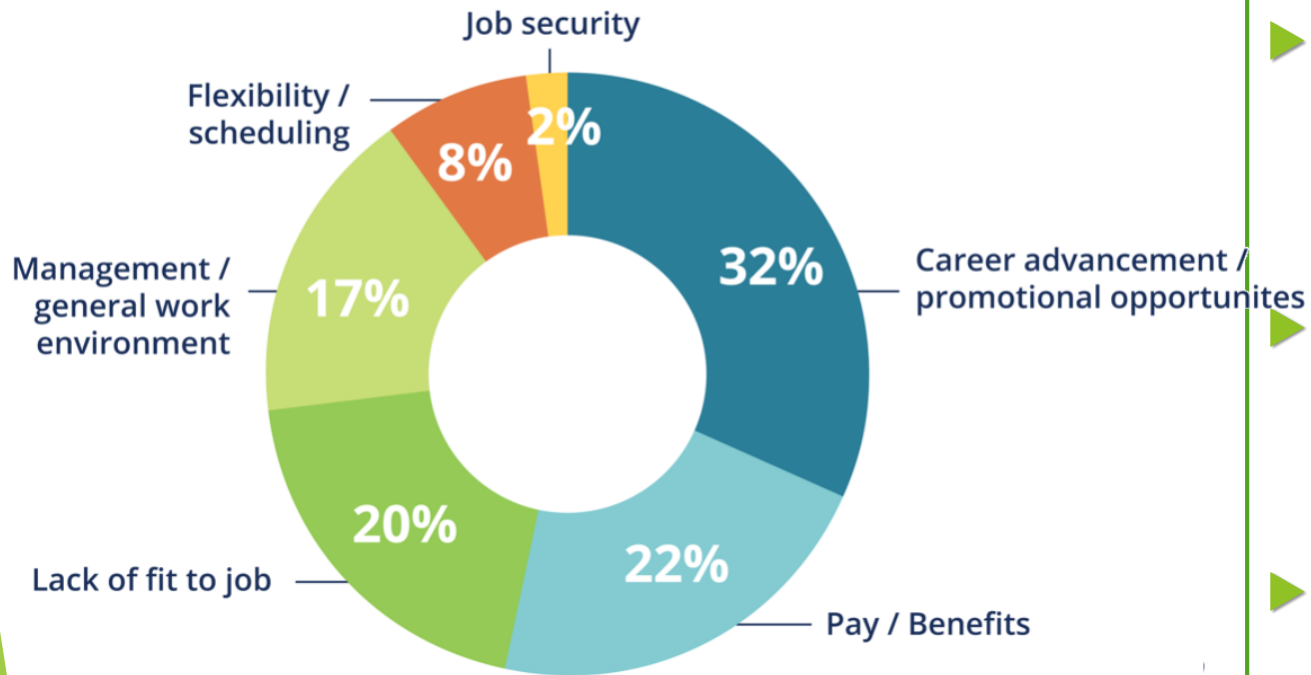
Ph.D. in Mechanical Engineering

Virginia Commonwealth University, Richmond, Virginia

2019/2/14

Motivation

TOP VOLUNTARY JOB-RELATED REASONS FOR CHANGING JOBS

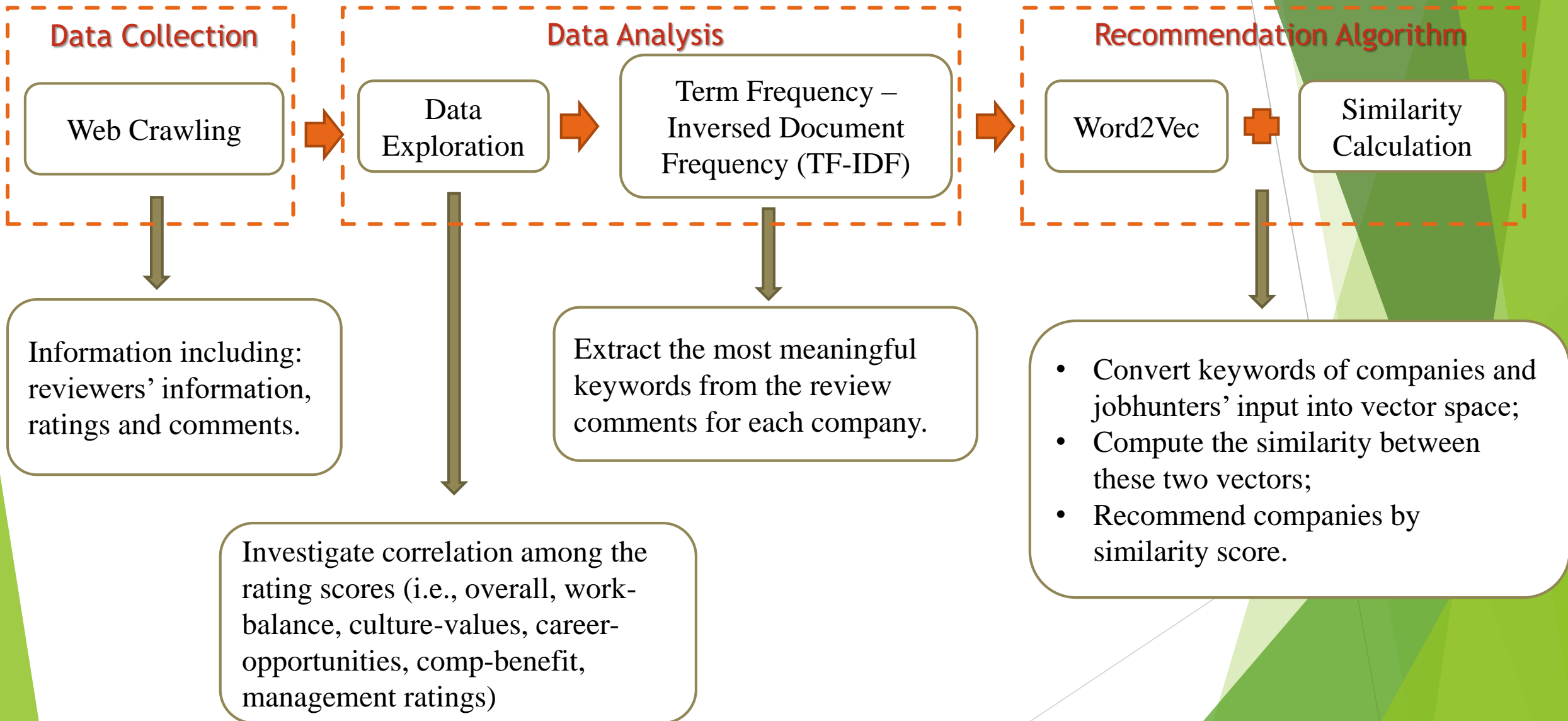


Source: Gallup

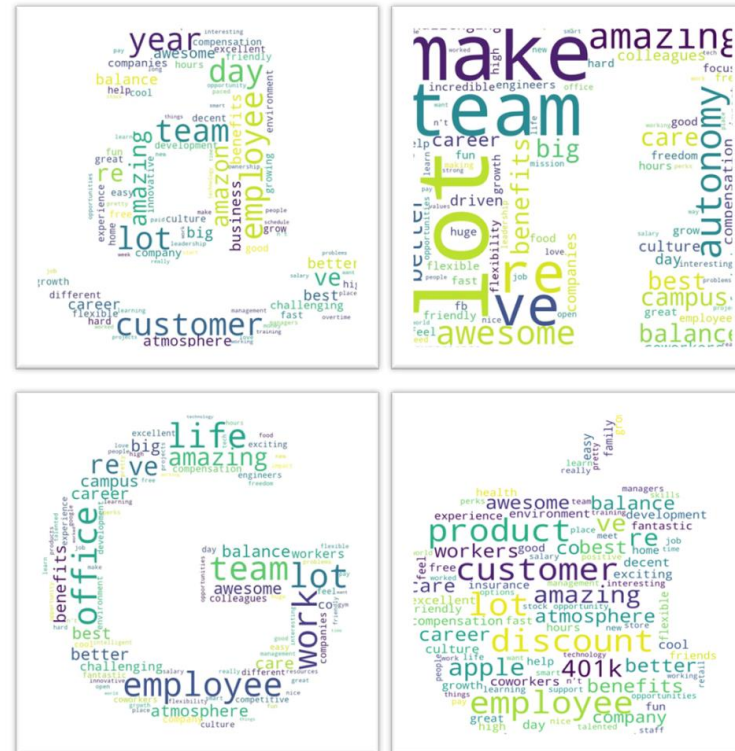
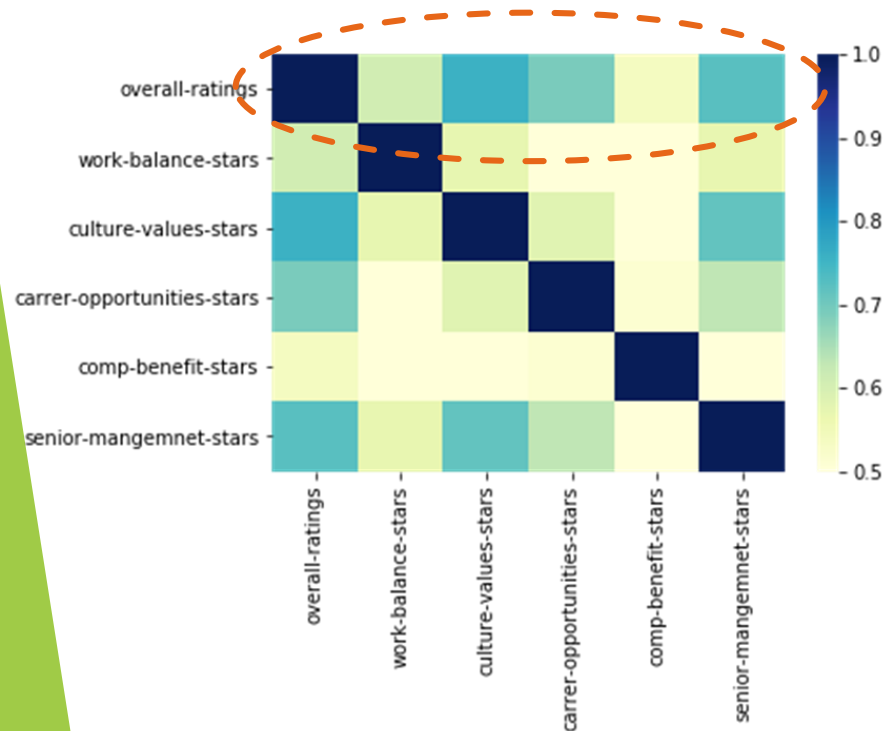
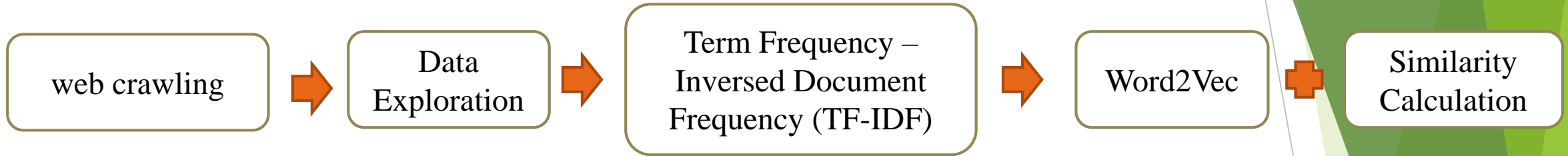
(<http://myaliat.com/news/employees-mentally-checked-out/top-voluntary-job-related-reasons-changing-jobs-gallup-aliat/>)

- ▶ **Frequently changing jobs has adverse effects on both employers and employees themselves.**
- ▶ **Unlike 'Pay/benefit', about 80% reason for people changing jobs are not quantifiable.**
- ▶ **Comprehensive and subjective understanding of the companies during the job searching process is important.**

System Design



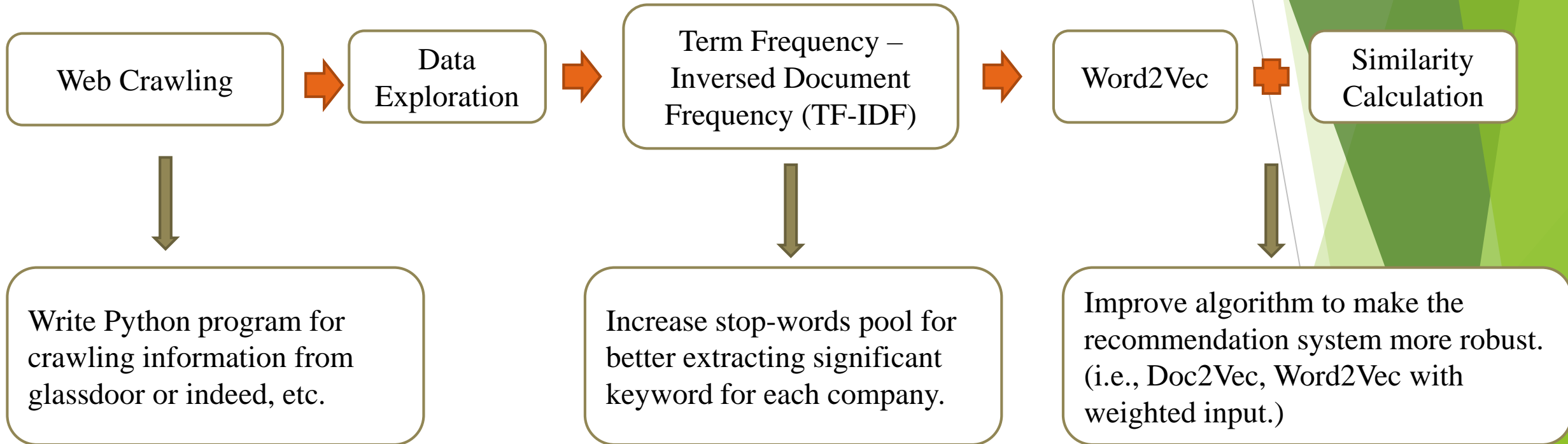
Takeaway so far...



- 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 represents that the two factors are more co-related.

To Do List



*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>