Assigning programming languages to cities based on GitHub users activities

Gelera, Rodney University of Victoria McCulloch, Kaileen University of Victoria

Warwick, Nick University of Victoria

March 18, 2017

Contents

1	Introduction	2
2	Related Work	2
3	Data Collections3.1 Scraping	2 2 2
4	Data Mining	2
5	Data Visualization	2
6	Conclusion	2
7	Appendix A 7.1 Code	3

Abstract

Data has never before been generated at such high speeds. With the ever increasing volume of data it has become more and more challenging to sift through and extract useful information. Data mining and data visualization are two tools that can help solve this problem. In this paper we are going to use classification to simplify the information and a visualizer for quick and easy evaluation of information.

- 1 Introduction
- 2 Related Work
- 3 Data Collections
- 3.1 Scraping
- 3.2 Mapping
- 4 Data Mining
- 5 Data Visualization
- 6 Conclusion

7 Appendix A

7.1 Code