

# **Modelling search volumes as a dynamic system responding to external events**

*Stefan Sabev*

## **MInf Project (Part 1) Report**

Master of Informatics  
School of Informatics  
University of Edinburgh

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## **Abstract**

It is well known that some events might spark people's interest to fly to different destinations. In particular news events or sports events can quite easily make people search for a specific destination - for example the Champions League Quarter final draw increased the number of flight searches from Glasgow to Spain 6 times. The main goal of this project is to grab Twitter data and possibly the BBC news web-site and extract the available event data. Afterwards we'd want to split it into two groups - those who spark people's interest and those don't. This can later be used to detect when people want to go somewhere based on the news channels around the world.

## Acknowledgements

Acknowledgements go here.

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# Chapter 1

## Introduction

The document structure should include:

- The title page in the format used above.
- An optional acknowledgements page.
- The table of contents.
- The report text divided into chapters as appropriate.
- The bibliography.

Commands for generating the title page appear in the skeleton file and are self explanatory. The file also includes commands to choose your report type (project report, thesis or dissertation) and degree. These will be placed in the appropriate place in the title page.

The default behaviour of the documentclass is to produce documents typeset in 12 point. Regardless of the formatting system you use, it is recommended that you submit your thesis printed (or copied) double sided.

The report should be printed single-spaced. It should be 30 to 60 pages long, and preferably no shorter than 20 pages. Appendices are in addition to this and you should place detail here which may be too much or not strictly necessary when reading the relevant section.

### 1.1 Using Sections

Divide your chapters into sub-parts as appropriate.

## 1.2 Citations

Note that citations (like [?] or [?]) can be generated using BibTeX or by using the `thebibliography` environment. This makes sure that the table of contents includes an entry for the bibliography. Of course you may use any other method as well.

## 1.3 Options

There are various documentclass options, see the documentation. Here we are using an option (`bsc` or `minf`) to choose the degree type, plus:

- `frontabs` (recommended) to put the abstract on the front page;
- `twoside` (recommended) to format for two-sided printing, with each chapter starting on a right-hand page;
- `singlespacing` (required) for single-spaced formatting; and
- `parskip` (a matter of taste) which alters the paragraph formatting so that paragraphs are separated by a vertical space, and there is no indentation at the start of each paragraph.

# **Chapter 2**

## **Data gathering and analysis**

Of course you may want to use several chapters and much more text than here.