Mining the US Technologist data*

Extended Abstract[†]

Abulitibu Tuguluke[‡]
DHI Group Inc.
P.O. Box 1212
Dublin, Ohio 43017-6221
abtu8803@colorado.edu

ABSTRACT

This paper provides a sample of a LATEX document which conforms, somewhat loosely, to the formatting guidelines for ACM SIG Proceedings. ¹

KEYWORDS

ACM proceedings, LATEX, data mining

ACM Reference format:

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- *Produces the permission block, and copyright information
- [†]The full version of the author's guide is available as acmart.pdf document
- [‡]Dr. Trovato insisted his name be first.
- ¹This is an abstract footnote

1 TITLE: DESCRIPTIVE TITLE OF YOUR PROJECT

- 2 TEAM MEMBERS: FIRST AND LAST NAME OF EACH MEMBER
- 3 DESCRIPTION: 2-3 SENTENCE PARAGRAPH PROJECT DESCRIPTION WHAT INTERESTING QUESTIONS DO YOU INTEND TO ANSWER?
- 4 PRIOR WORK: WHAT PRIOR WORK HAS BEEN DONE ON YOUR IDEA
- 5 DATASETS:
- 5.1 List of datasets to use
- 5.2 Where found (URL and who is supplying the data, e.g., NASA)
- 5.3 Whether it you have it downloaded (on who's machine)
- 6 PROPOSED WORK: WHAT DO YOU NEED TO DO?
- 6.1 Data cleaning:
- 6.2 Data preprocessing:
- 6.3 Data integration:
- 6.4 etc.
- 7 LIST OF TOOL(S) YOU INTEND TO USE
- 8 EVALUATION: HOW YOU CAN EVALUATE YOUR RESULTS
- 9 PROBLEM STATEMENT/MOTIVATION

(like homework 1, what knowledge and how would you apply that knowledge, what is interesting that you hope to find)

10 LITERATURE SURVEY

(previous work) describe and cite.

11 PROPOSED WORK

E.g., what do you need to do for data collection, preprocessing (cleaning integrating, transforming, etc.), process for derived data,

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design, evaluation. Describe how it is different than what has been done previously from your literature survey (or if replicating).

12 DATA SET

(make sure you have the data set!). Provide URL and details about the data set (similar to homework 1, chapter 2, etc.)

13 EVALUATION METHODS

E.g., metrics, existing solutions, ...

14 TOOLS

15 MILESTONES

What you plan to have done by when

The Following table is my work plan for carrying out the project.

Date	Work Plan
Week 1	Submit the Research Proposal.
Week 1	Submit the Research Proposal.
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