

EPPS6323 Knowledge Mining

The Project Proposal is a blueprint for your knowledge mining project. Review the methods covered in class and work on the research topic (what you want to study and what you have expertise on).

You will use this proposal as a framework you use to further develop into the final project in this class. It should include the following elements.

Area/Topic:

An area or a topic you will develop expertise on after this course. Specifically, what is the problem you want to solve? Collect your own data (you may use existing datasets) and design a knowledge mining method to solve the problem.

Research Statement

What is the problem you want to solve using knowledge mining methods? You may first start by asking an interesting question.

Then, you further develop the research question into a research statement with a substantive dependent variable. One hint is to start from a small, specific topic than the grandiose, big dissertation like topic. It is always better to study something new and very specific than grand, big topic like a book. Start from simple methods, then suggest more advanced methods.

Method:

Use a method (or multiple methods) covered in class or class materials.

Bibliography

List at least 5 influential references or most cited publications.

Due date: 9/17/2019, hard copy to instructor's office and soft copy via email.

How to start your research process?

Ask:

What topic/question is most interesting to you?

Anyone has done it before?

What data will look like?

- News
- Documents
- Opinion surveys

Knowledge mining method(s)