

# Introduction to Data Mining

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## *Lab 4: Programming 1*

### Knowledge Representation

**Input: Serendipity-sac2018 dataset (provided by instructor)**

- **Attribute Names**
- **Class name**
- **Number of tuples (optional)**

**Output: a dataset in ARFF format**

**Process:**

Use Java programming language to read the text files from the provided dataset.

Create Movie, Tag, Answer (or SurveyAnswer) and Recommendation classes to represent the data objects. In each class, some get() methods are implemented to read data from the dataset.

Create a Controller class to extract required data and output an ARFF file.