

# Report Writeup Instructions

- Due Date Friday May 26
- Can be done with groups of size up to 3
  - Submit one report for each group
- Should be done in the latex environment
- The report must be in the form of a paper like that submitted to a conference
- The length should be about 6-8 conference pages
  - Abstract
    - \* Read the Fatal Abstract play
    - \* The Abstract should include methods, data, and conclusions
  - Introduction
    - \* Motivates the report from the perspective of machine learning
    - \* Find additional references
    - \* Does a literature review, making references to papers published
    - \* The last paragraph of the introduction should summarize the findings/importance of your contribution
    - \* Tell them what you are going to tell them
  - Technical
    - \* Explains and details the problems
    - \* Explain anything you need to explain about music
    - \* Explain the features in a clear enough way that somebody can replicate the computation of the features
    - \* Explain the methods used to classify, including all the tuning or default parameter values
    - \* Data Sets
      - Training
      - Optimization

- Testing
      - \* Tell them
  - Experimental Results
    - \* 10 fold cross-validation
    - \* Describes your results through graphs and tables and explanations
    - \* Tell them
  - Conclusions
    - \* The conclusion should be a summary with a clear attempt to add cautious knowledge and wisdom to data
    - \* Tell them what you told them
    - \* Any future work that you would find worthy of doing
  - Bibliography
    - \* Each of the papers reference in the bibliography must be cited either in the Introduction or the Technical section
- All scripts, programs, illustrations and the tex and pdf report writeup should be zipped into one file