CS 6320

Lab Report Criteria

Spring 2014

Here are some of the criteria for evaluating a Lab Report:

- 1. Use the section numbers and titles described in the Lab Report Format.
- 2. Put your name, class, assignment number and the date of the report.
- 3. Put page numbers.
- 4. Section 1: Intro:
 - (a) Put a summary of the problem, basic approach, and describe experimental framework.
 - (b) Clearly state the questions to be answered by the work.
- 5. Section 2: Method:
 - (a) Give a description of the algorithms (put listing of own codes in appendix; name, date, etc. in comments)
 - (b) Describe specific features of the method, parameters in play, etc., as well as what datasets are used
- 6. Section 3: Verification:
 - (a) For your own codes: demonstrate that they work
- 7. Section 4: Data:
 - (a) Give a description of how the data is used/organized for training and testing.
 - (b) Give results from experiments: graphs, tables, images, means, variances, confidence intervals.
- 8. Section 5: Analysis:
 - (a) Describe relationships found, or qualitative description of results.
 - (b) Discuss implications of statistical results.
- 9. Section 6: Interpretation:
 - (a) Answer questions posed in intro; use analysis to support conclusions.
 - (b) Discuss future work and extensions.

10. Section 7: Critique:

- (a) Demonstrate concepts understood; general result of experiment with respect to questions raised and context.
- (b) Specific issues with technique (parameters, constraints, etc.)
- (c) Problems and improvements