

Your Paper on the Project

- Should have the structure of a conference paper;
- Sections:
 - **Introduction:** Describe the problem; why is important; context; motivating examples; etc
 - **Background/Previous work:** Brief summary of previous work done in the specific area, emphasis is on the limitations

Sections (cont.)

- **Your approach/objective:** Your point of view of the problem; Scope and objectives of the project; Your effort: Proposing a new approach? Comparing existing approaches in terms of... accuracy, efficiency...? Proposing an analysis to achieve a better understanding?

Sections (cont.)

- **Experimental design:** Software, algorithms, data sets used in your experiments; Specify sources: software publicly available used; software/algorithms that you implemented; Experimental setting: training, testing, cross-validation, parameter setting. Validation measures: accuracy, precision, recall, running times, etc.

Sections (cont.)

- **Experimental design (cont.):** If you compare running times of different algorithms, it's important to give the specifics of the machine you used. You need to provide the details necessary to reproduce the results obtained. Do **not** write the steps to install the software you used, and similar system issues.

Sections (cont.)

- **Experimental results:** Describe and comment the results obtained. You should be able to elaborate and answer some of the questions/issues raised in the Section on Approach/Objective
- **Future Work:** Additional avenues worth exploring. Results obtained suggest new directions?

The Whole Paper

- **Your approach/objective + Experimental Design/Results** is the core of the paper;
 - Well organized;
 - Well written;
 - Ideas are clearly stated;
 - Concepts are formally stated;
 - Correctness;
 - Be precise and concise;
 - Max ~10 pages (including references).
- Provide a hard-copy on the due date.**