

Group Assignment: Problem Set #5

Now that you belong to a group with a topic, I want you to select 3-4 papers from recent SIGMOD or VLDB conferences to read. As a group, you may end up reading double this number, but you are to select, in the end, 3-4 papers of related topics to focus on.

You will eventually draft a 45-minute presentation on the topic of these papers. You are to answer, in the introductory slides:

1. What is the general problem?
2. Why is it important?
3. What specific sub-problems will you be presenting?
4. Why are they important?

The rest of your presentation will be on the papers you choose to present. Whenever possible, explain the generalizations these papers present that goes beyond what we have discussed in class. (Every advance eliminates assumptions that were held dearly by database researchers, and/or presents a much broader view of the core structure/ideas in database implementation, and/or something really new). You are to tell us these distinctions as clearly as possible.

I will ask you for periodic updates of your presentation, to give you comments to improve your presentation so that it will be as professional talk as possible. I know that you may not have experience doing this, but no matter, it will be a learning experience for us all.

Your assignment is to collect a set of papers to read, and briefly explain (in 1 page) an outline of your presentation. Choose a "group" leader/contact. One submission per group please.