

Assignment-2

CS698F Advanced Data Management

Medha Atre

IIT Kanpur

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1 Description

Pick a paper from the Google doc sheet shared with you over email, read it, and write a summary of it in no more than 2-pages using the *ACM Large Format Single Column* template as given at <https://www.acm.org/publications/acm-latex-style-guide>.

Your summary document should have the following format:

- Title of the paper with the word “Review” appended to it, e.g., if the title of the paper is “EmptyHeaded: A Relational Engine for Graph Processing”, then your summary document title should be “EmptyHeaded: A Relational Engine for Graph Processing – Review”.
- In author’s name, write your name, IITK email, and roll number.
- “Introduction” section with no more than one paragraph summarizing the high level contributions of the paper.
- In the “Technical Content” section you should write technical aspects of the paper in fair details.
- In the “Evaluation” section you should write how authors have evaluated their method, metric used, and any perceived gaps.
- In the “Future Work” section you should write if the method has any possible extensions or modifications.

Each student is supposed to choose a unique paper, not chosen by any other student. The number of papers are sufficiently large that each student will find at least one interesting paper to read.

Choose early to get a better choice!

2 Submission

The assignment is supposed to be submitted via the Canvas interface <https://canvas.cse.iitk.ac.in> and **only** as PDF files in the format as mentioned in the Description. **Any assignment submission done over email will not be accepted, and will be given zero marks.**

3 Grading

The grade will depend on how well you can write a self-contained summary of the paper so that the reader understands all the main points the paper by just reading your 2-page summary. You are allowed to discuss the papers among your classmates, but each student is expected to submit one summary for a unique paper from the given list. Following is the split of the grades for writing each section in a clearly understandable manner (take clues from the paper that you are reading about how to present technical concepts in a legible manner):

- Introduction – 5 points.
- Technical Content – 10 points.
- Evaluation – 2 points.
- Possible future extensions – 3 points.