# Assignment-4

## CS698F Advanced Data Management

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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. You are supposed to write the review in *your* own words. **Any blanket copying of sentences or paragraphs from the original paper will invite a heavy grade penalty!**

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 above. **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 legibal manner):

- Introduction – 5 points.

- Technical Content – 10 points.

- Evaluation – 2 points.

- Possible future extensions – 3 points.