

“Lightning” Term Project Presentations

Version 0.1

Presentation Date: Tuesday December 14, 5:00pm

Objective

For the term project presentation, please prepare a 5 minute in-class “lightning” presentation. Lightning presentations are meant to present the “highlights” of your term project in an abbreviated format. Your presentation *could* consist of the following slides:

Slide 1. Introduce the Group’s case study application developed in Fall 2021:

What is the application?

What is the case study? (what was compared?)

Major details regarding implementation: languages, tools, technologies

Slide 2. Describe your testing approach – use of sequential, parallel, clients, HW description (ec2 instance, laptop, etc.) What is unique about how you performed testing? How was SAAF employed?

Slide 3. Performance Comparison (pipeline runtime) results (tables / graphs)

Slide 4. Processing Throughput Comparison (rows/second) (tables / graphs)

Slide 5. Hosting Cost Comparison (*optional, if available at time of presentation*)

For the “TLQ” pipeline application, throughput describes the measured number of rows processed per second by your pipeline using different sized input files (e.g. 10, 100, 1000, 10000, 100000 rows, etc.) Which input datafile allowed the best throughput?

Given time constraints, do not use more than 5 slides.

Presentations should last approximately 5 minutes. 3 minutes is allowed for transitioning to the next talk. 1 or 2 of these minutes can be used for questions. **After 7 minutes the group must end the presentation and yield to the next group.**

To facilitate quick transitions, it is recommended to prerecord the 5-minute lightning talk.

Groups should be present to then answer any questions.

A link for the talk video can then be uploaded to Canvas, and the instructor will play the provided video recordings. Groups are welcome to give LIVE presentation in lieu of recorded presentations.

Talk recordings should be hosted online using Zoom (cloud), Google Drive, YouTube, a personal website or S3, etc. MP4 files should not be submitted to Canvas.

Presentations will go in order from start to finish:

Final Presentation Schedule

5:00 – 5:15	Mandatory Term Project Survey (in-class)
5:15 – 5:20	Presentations Setup

5:20 – 5:25	Group 1 Presentation
5:28 – 5:31	Transition
5:31 – 5:36	Group 2 Presentation
5:36 – 5:39	Transition
5:39 – 5:44	Group 3 Presentation
5:44 – 5:47	Transition
5:47 – 5:52	Group 6 Presentation
5:52 – 5:55	Transition
5:55 – 6:00	Group 7 Presentation
6:00 – 6:03	Transition
6:03 – 6:08	Group 8 Presentation
6:08 – 6:18	Transition – 10-Minute-Break
6:18 – 6:23	Group 9 Presentation
6:23 – 6:26	Transition
6:26 – 6:31	Group 10 Presentation
6:31 – 6:34	Transition
6:34 – 6:39	Group 11 Presentation
6:39 – 6:42	Transition
6:42 – 6:47	Group 12 Presentation
6:47 – 6:50	Transition
6:50 – 6:55	Group 13 Presentation

**- projected time assuming all presentations take 5 minutes plus 3 minutes for transitions*

Submission Deadline

Please prepare to present slides using a shared screen over Zoom. Please then submit slides by 5pm on December 13th in Canvas. Please submit slides in pptx/ppt/pdf format, or provide a Google slide document link. Groups can request the instructor look over the slides by email before the presentation, but by default, the instructor will not review lightning talk slides unless asked.

If there are edits, a final version of the slides can be uploaded to Canvas by December 17th at 11:59pm.

Results ***can be preliminary*** for the lightning presentation, as the final project report is not due until 11:59pm on Friday December 17th.

Change History

Version	Date	Change
0.1	12/2/2021	Original Version