

First meeting: 09.03.23

- How to organize meeting with Leon:
 - We are responsible
 - Send meeting links/invites via google calendar (1 click to accept or not) + attach meeting notes from last time for him to look at
- Meeting notes : keep track of discussions & him from deducting points based off of what was discussed.

Main Discussion points:

- Data sample size
- Project goal:
 - do you want to.....
 - Try something fancy?
 - minimize work?
 - maximize grade?
- Results are not important for grading.
 - Depends on where you fail.
 - If nothing works, it may make writing an analysis more difficult.
- 2 Models
 - Which are created separately: colorization & classification with CNN
 - Research question: Does colorization help classification?

Leon's Suggestions:

- Try out more modern models:
 - res net, densely connected, conv net
 - "You don't have to do that, it's something you could do if you wanted to. "
- Focus on analysis
- Report:
 - comparison of results between models
 - come up with explanations; why does it work and why doesn't it work? (e.g. with dogs the average color is much more uniform)
- Sharing our meeting notes:
 - a. Include in git hub when you submit
 - b. To read before a meeting: embed link in email invitation

Concerns:

- Lotta: newer papers/networks only have colorization. not a lot of literature with both tasks.

- Leon: you could add three more layers in each block and include residual connections within each block. You could use one of the more modern layers from the homework. ResNet HW?
 - And then maybe compare the base model we already have with the more fancy model with residual connections
- Leon will have less availability 19-28th March.