Lab 7. Graph ML Project

Submission format: Github repository.
- If you are using any proprietary data, just make your repo private and provide your instructor with access or see your instructor.
- The intent here is for you to have a nice project to demonstrate your capabilities.

Minimum requirements:
- README.md repository file documenting your project (see description of contents below).
- Jupyter notebook documenting your experiments (see description of contents below).
- All programming artifacts.
- Link to dataset.

The README.md should contain your project writeup and include the following:
- Abstract: Describe the problem you are solving, why it's an interesting problem, and why it's an important problem. Clearly state your hypothesis, what your contribution is, and how you will measure results. Provide a sentence summary of results. (~paragraph).
- Introduction: Provide enough background so that a technical user without graph machine learning experience can get a basic idea of what you're doing.. Provide a short summary of prior art. (~1 page)
- Methods: Describe the methods you will use for your experiments, your dataset, and any necessary data preprocessing. (~1 page).
- Results: Document your experimental trials in tabular and graphical format. Provide your best interpretation of results and whether.
- Conclusion: Summarize your hypothesis, experiment and results. (~paragraph).
- References: Important to provide proper attribution to all of your sources!

Jupyter notebook documenting your experiments.
- Fully documented Jupyter Notebook. Preference is for an executable Colab Notebook, but I realize some projects may have large or proprietary datasets. The format should be similar to the hands-on tutorials in class.