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 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).

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.