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Graph-Embedding Summary Report

Process of the project study:

First there was the process of understand the subject we got.  
Then making the script run and work.  
2 out of the 4 scripts were removed as they were not running.   
We updated the libraries and commands.   
We made Google Colab load the data from GitHub and compile the model in the cloud.  
Then we analyzed the dataset, the subject and the code.   
We summarized the script process and printed the obtained results.

Project flow:

We met once a week to make progress on the presentation.   
During the week, we discussed the subject, the presentation and the general schema.  
We met with the lecturer to discuss the direction of the project.

Obtained results:

60-70% accuracy in F1 score. Around 90% in AUC scores.

Conclusion:

The results are not very accurate. Slightly better results with the improvement of node2vec to deepwalk to go for wider exploration in the algorithm.

External links:

[Github Repository](https://github.com/shachar700/Graph-Embedding/)

[Google Colab script](https://colab.research.google.com/drive/11eVIbhSCO4OnrZEPRfTYLs7bEZRxLuLQ?usp=sharing)