Find/make a problem that is relevant within data science and that is technically challenging

* Problem - Movie recommendation methods can be improved

Motivation/explanation of your problem should be part of the report.

* Using movie reviews could be a good way to improve recommendation methods
* More specifically if a user likes a movie, they can be recommended movies other users who liked that movie wrote positive reviews for

Analyze the problem and choose relevant tools to solve the problem.

* Sentiment analysis (not covered in the course) is relevant to recommendation systems (covered in the course), and their improvement

Implement/use the relevant tools to actually solve the problem. What will we need?

* A model to score the sentiment value of different reviews
* A way to use calculate the probability of a positive score for someone who has not written a review for that movie

​​Argue clearly for the choices made when designing and developing the solution.

Write a well-written and concise report about your problem and solution.

What is the scope of the project?

* Using sentiment analysis and network models to improve recommender systems

Step by Step:

* Clean the data set, figure out usable columns
* Train a model to compute a sentiment score based on reviews
* If I enjoyed movie A, and x>50% of users who positively reviewed A also positively reviewed movie B, then B gets recommended to me (similar items)
* Analyze the imminent success of our model