

Movie Recommendation

1. What is the problem you want to solve?

- Netflix's bread and butter is making sure people are greeted with the movie they like, when they login. Netflix uses a movie recommendation system which predicts whether someone will enjoy a movie based on how much they liked or disliked other movies.
- Our aim here would be to build a recommendation system that would aim at having 10% better results than the existing recommendation system in place at Netflix.

2. Who is your client and why do they care about this problem? In other words, what will your client do or decide based on your analysis that they wouldn't have done otherwise?

- Netflix being an online streaming site needs to have a state of art movie recommendation engine.
- If we are able to come up with a better recommendation engine then the same model can be taken up by Netflix to improve its recommendation.

3. What data are you using? How will you acquire the data?

- <https://www.kaggle.com/netflix-inc/netflix-prize-data>

4. Briefly outline how you'll solve this problem. Your approach may change later, but this is a good first step to get you thinking about a method and solution. This might include:

- we will attempt at implementing a few recommendation algorithms (content based, popularity based and collaborative filtering) and try to build an ensemble of these models to come up with our final recommendation system.

5. What are your deliverables? Typically, this includes code, a paper, or a slide deck.

The project deliverable are

- Google sheet for consolidated project report.
- PPTs for Story Telling.
- Python Notebook Files(.ipynb)