## **Artificial Neural Networks/Clustering**

Similar to pattern matching, clustering is the ability to associate similar input patterns together, based on a measurement of their similarity or dissimilarity. An example of a clustering problem is the Netflix Prize, a competition to improve the Netflix recommendation system. Competitors are attempting to produce software systems that can suggest movies based on movies the viewer has already rated. Essentially, clustering movies based on the predicted like or dislike of the viewer.

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