

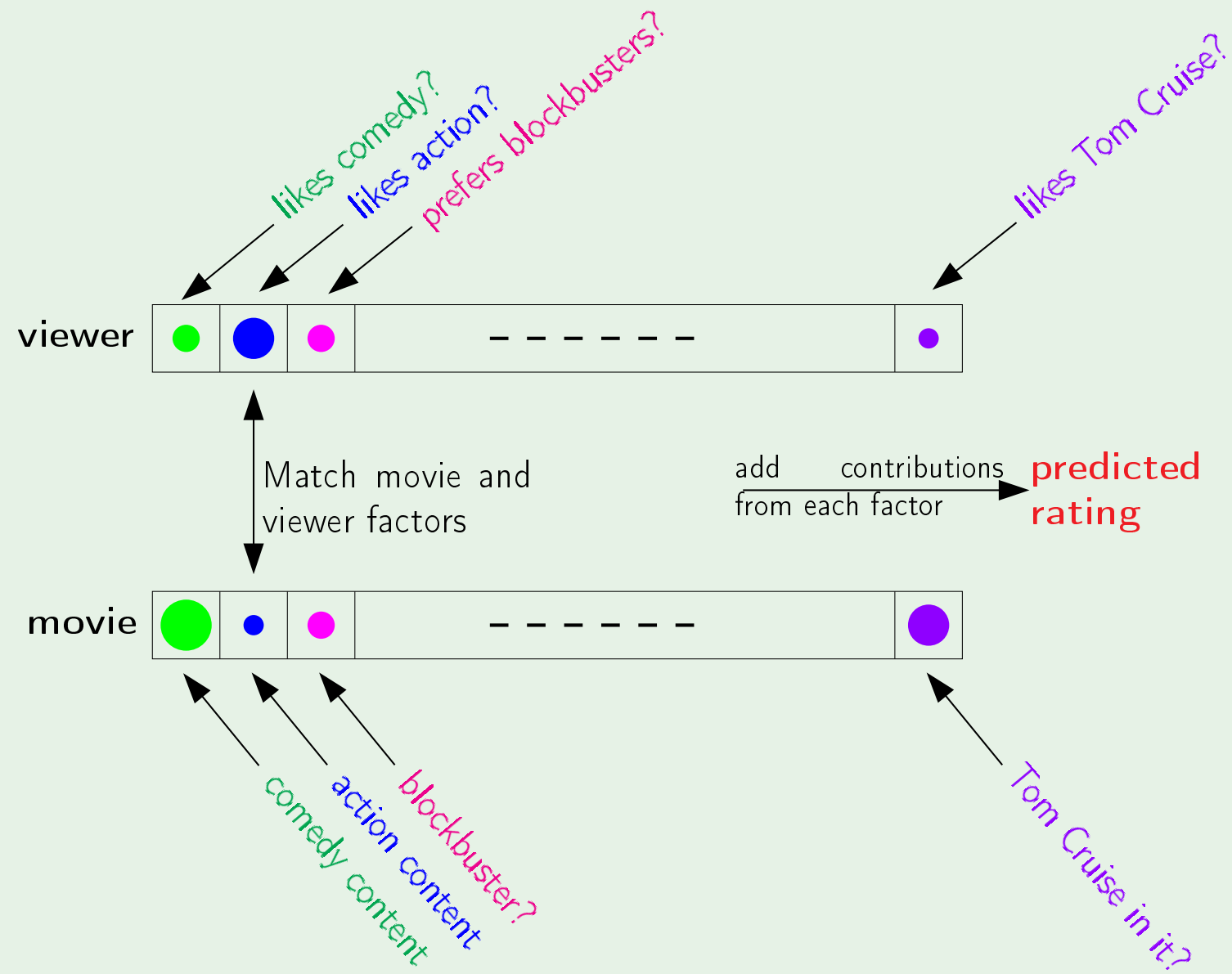
**Example:** Predicting how a viewer will rate a movie

10% improvement = **1 million dollar prize**

The essence of machine learning:

- A pattern exists.
- We cannot pin it down mathematically.
- We have data on it.

# Movie rating - a solution



# The learning approach

