

## Module 19: Recommendation Systems

### Glossary

#### Collaborative Filtering

A method of making automatic predictions about the interests of a user by collecting preferences or taste information from many users

#### Content-Based Filtering

A method of making recommendations based on user preferences for product features

#### Funk SVD

A stochastic gradient descent process developed by Simon Funk that minimizes the error on the known values

#### Matrix Factorization

A type of algorithm that works by decomposing the user-item interaction matrix into the product of two lower-dimensionality rectangular matrices

#### SVD

The abbreviation for singular value decomposition