For building a movie recommendation system using collaborative filtering, you'll primarily need several Python packages to handle data manipulation, machine learning algorithms, and web development (if creating an interactive interface). Here are the key packages you'll likely use:

1. **pandas**: Used for data manipulation and preprocessing.
2. **surprise**: A Python scikit for building and analyzing recommender systems.
3. **scikit-learn**: Provides various machine learning algorithms and evaluation metrics.
4. **Flask** or **Django**: Web frameworks for creating a web interface (optional).

**Detailed Package Requirements**

* **pandas**:
  + Installation: pip install pandas
  + Used for loading, manipulating, and preprocessing data from CSV files (ratings.csv and movies.csv).
* **surprise**:
  + Installation: pip install scikit-surprise
  + A library specialized in building and evaluating recommender systems. Provides algorithms like Singular Value Decomposition (SVD) and tools for dataset management.
* **scikit-learn**:
  + Installation: pip install scikit-learn
  + Includes machine learning algorithms, such as train-test split, metrics (e.g., RMSE), and preprocessing tools.

 **Flask** (optional):

* Installation: pip install Flask
* A lightweight web framework. If you plan to create a web interface for users to input preferences and receive recommendations.

 **Django** (optional):

* Installation: pip install Django
* A robust web framework. If you prefer a more comprehensive structure for building web applications.