

Building Recommendation Systems with Python

Key Features

- Recommendation systems are at the heart of almost every internet business today; from Facebook to Netflix to Amazon.
- Providing good recommendations, whether it's friends, movies, or groceries, goes a long way in defining user experience and enticing your customers to use your platform.
- You will learn about the different kinds of recommenders used in the industry and see how to build them from scratch using Python.
- No need to wade through tons of machine learning theory—

Labs

Labs for this course are available at path shared below. Update lab environment DNS and open lab workspaces in Chrome Browser.

1. Getting Started with Recommender Systems (No Lab)

```
* http://<update-DNS>/lab/workspaces/lab1_intro
```

2. Manipulating Data with the Pandas Library

```
* http://<update-DNS>/lab/workspaces/lab2_data
```

3. Building an IMDB Top 250 Clone with Pandas

```
* http://<update-DNS>/lab/workspaces/lab3_pandas
```

4. Building Content-Based Recommenders

```
* http://<update-DNS>/lab/workspaces/lab4_models
```

5. Getting Started with Data Mining Techniques

```
* http://<update-DNS>/lab/workspaces/lab5_mining
```

6. Building Collaborative Filters

```
* http://<update-DNS>/lab/workspaces/lab6_filters
```

7. Hybrid Recommenders

```
* http://<update-DNS>/lab/workspaces/lab7_hybrid
```