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Project Overview: MovieLens

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## **Project Overview: MovieLens**

For this project, you will be creating a movie recommendation system using the MovieLens dataset. The version of **movielens** included in the **dslabs** package (which was used for some of the exercises in [PH125.8x: Data Science: Machine Learning](#)) is just a small subset of a much larger dataset with millions of ratings. You can find the [entire latest MovieLens dataset here](#). You will be creating your own recommendation system using all the tools we have shown you throughout the courses in this series. We will use the [10M version of the MovieLens dataset](#) to make the computation a little easier.

You will download the MovieLens data and run code we will provide to generate your datasets.

First, there will be a short quiz on the MovieLens data. You can view this quiz as an opportunity to familiarize yourself with the data in order to prepare for your project submission.

Second, you will train a machine learning algorithm using the inputs in one subset to predict movie ratings in the validation set. Your project itself will be assessed by peer grading.

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