



In-Depth K-Nearest Neighbors (KNN) Using Scikit

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scikit-learn - A Machine Learning Library

Goals with this library is to do the following:

1. Use datasets wrangled from pandas to help give our agent (the computer) information.
2. With data, predict features desired by the user.
3. With the predicted features, compare accurate data and adjust predictions accordingly.

This methodology to teach computers to learn is what most algorithms do in Machine Learning.



Let's predict the price of Airbnb rentals

For my tutorial, I will be borrowing code from DataQuest's [Machine Learning Tutorial](#). In addition, I will be using [Inside Airbnb](#) to gather data on specific cities and all rentals in the area.

This tutorial will be using the following libraries:

- pandas, numpy, scipy, sklearn