Python Basics for Data Science
Module 4 Glossary: Working with Data in Python

Term	Definition
Data Frame	A data structure comprising rows and columns much like a spreadsheet. A data frame can be created from a dictionary. The keys correspond to column labels. The values or lists correspond to the rows. A data frame is one of the most popular data structures used in data analytics.
Hadamard Product	The product of two arrays. Multiplication of two arrays corresponds to an element-wise product. The number of columns of the first array must equal the number of rows in the second in order to multiply them.
ndim	An attribute that obtains the number of dimensions of a NumPy array. It can be thought of as the number of nested lists in the array.
NumPy	A Python library for scientific computing.
NumPy Array	An array that is similar to a list and usually fixed in size. Each element is of the same type.
Pandas	A popular Python library for data analysis.