Glossary: Working with Data in Python

Welcome! This alphabetized glossary contains many of the terms you'll find within this course. This comprehensive glossary also includes additional industry-recognized terms not used in course videos. These terms are important for you to recognize when working in the industry, participating in user groups, and participating in other certificate programs

A xey (Comma-Separated Values) file is a plain text file format for storing abolate data, where each like represents a row and uses comman to separate values in different colum

A xxx (Text) file is a common file format that contains plain text without specific formatting, making it suitable for storing and editing sexual data.

To "append" means to add our attack something to the end of an existing object, typically used in the context of adding data to a file or elements to a data structure like a list in it.

Approx 10 approx means to autor attacts nominum, to use out an accumulation, typically asked in time econescio distinguished to a size or reterenties to a class structure later a list in Attribute An "attribute" in Python refers to a property or characteristic associated with an object, which can be accessed using do notation.

An "attribute" in Python refers to a property or characteristic associated with an object, which can be accessed using do notation.

Broadcastine in NumPy

Broadcastine in Num

resuscating in normary necessaring in numery arrays with unseriest stages on accommens in normal-necessaring array and unsultance are considered for the component in Numby, a 'component place' of the component in Numby, a 'component place' of the component in Numby, a 'component place' of the component place' of the

Data analysis Data analysis in the process of inspecting, cleaning, transforming, and interpreting data to discover useful information, draw conclusions, and support docision-making.

DataFarmes A DataFarmes in Fundar is a non-dimensional, tabular data surveruse for storing and analyzing data, consisting of row an analysis and the proposal content of the produced season of the produced s

Dependencies Dependencies in Pandas are external libearies or modules, such as NumPy, that Pandas rely on for fundamental data manipulation and analysis functionality.
File attribute File attributes generally refer to properties or metadata associated with files, which are managed at the operating system level.

Grid In Python, a "grid" typically refers to a two-dimensional structure composed of rows and columns, often used to represent data in a tabular format or for organizing objects in a coordinate

The Badamard Product

The Badamard Product is a mathematical operation that involves observations of non-matrices or arrays of the same change mendioning a new materix with each observed that in the badamard product is a mathematical operation that involves observations of non-matrices or arrays of the same change mendioning a new materix with each observed that in the badamard product is a mathematical operation that involves observations of non-matrices or arrays of the same change mendioning a new materix with each observed that it is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change involved that is not a support of the same change in the same change in the support of the same change in the s

Hadamard Product The Hadamard product is a mathematical operation that involves element-wise multiplication of two matrices or arrays of the same shape, producing a new matrix with each element being the prod Importing pandas To import Pandas in Python, you use the statement: import pandas as pd, which allows you to access Pandas functions and data structures using the abbreviation "pd."

Linespace In Python, "Inespace" refers to a NumPy function that generates an array of evenly spaced values within a specified range.

NumPy

NumPy in Python is a fundamental library for numerical computing that provides support for large, multi-dimensional arrays and matrices, as well as a variety of high-level mathematical functions to operate

One dimensional NumPy

A one-dimensional NumPy array is a linear data structure that stores elements in a single sequence, often used for numerical computations and data manipulation.

Open function In Python, the "epen" function is used to access and manipulate files, allowing you to read from or write to a specified file.

Pandas Pandas is a popular Python library for data manipulation and analysis, offering data varieties and tools for working with structured data librables and time series.

Pandas library Python Python refer to the varieties modules and functions within the Bastatas library which remediate nearorful data errortures and data analysis tools for working with structured and take analysis tools for working with the python refer to the varieties modules and functions within the Bastatas library which remediate nearorful data errortures and data analysis tools for working with cructured data.

Panalas interary Panalas interary in Fython refer to the various modules and functions within the Panalas interary, which provides powerful data structures and data analysis tools for worsing with structured data.

Plotting Mathematical Functions Plotting mathematical functions in Prophon involves using libraries like Matgloilib to create graphical representations of mathematical equations, aiding visualization, and analysis.

Two dimensional NumPy
A two-dimensional NumPy array is a structured data representation with rows and columns, resembling a matrix or table, ideal for various data manipulation and analysis tasks.

Universal Functions
Universal functions (ufuncs) in NumPy are functions that operate element-wise on arrays, providing efficient and vectorized operations for a wide range of mathematical and logical operations.

Vector admitton Vector admitton in Tython involves adming corresponding elements of two or more vectors; producing a new vector with the sum of their components.

Visualizations Visualizations in Python refer to the creation of graphical representations, such as charts, plots, and graphs, to illustrate and communicate data and trends visually.

Skills Network

1 of 1 26/09/24, 23:45