

Pandas vs R Cheatsheet

Setup

Import and package installation



install.packages("pd") library(pd)	library(pd) install.packages("pd") library(pd)	install.packages("pd") library(pd)
pd.install.packages("pd")	install.packages("pd") library(pd)	install.packages("pd") library(pd)

Data Structures

Pandas Series vs R Array/DataFrame comparison



1D array (homogeneous data type)	1D array (homogeneous data type)	Pandas Series (homogeneous data type)
array	array	Series (homogeneous data type)
array[0:10]	array[0:10]	Series (homogeneous data type)
array[0:10] = 1	array[0:10] = 1	Series (homogeneous data type)
array[0:10] = 1	array[0:10] = 1	Series (homogeneous data type)
array[0:10] = 1	array[0:10] = 1	Series (homogeneous data type)
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array[0:10] = 1	array[0:10] = 1	Series (homogeneous data type)
array[0:10] = 1	array[0:10] = 1	Series (homogeneous data type)

Read

Import Data from Pandas



pd.read_csv("file.csv")	pd.read_csv("file.csv")	pd.read_csv("file.csv")
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Write

Data export - Pandas to R



pd.to_csv("file.csv")	pd.to_csv("file.csv")	pd.to_csv("file.csv")
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Inspect Data

Statistical summary and overview of the data



pd.describe()	summary()	summary()
pd.describe()	summary()	summary()
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pd.describe()	summary()	summary()
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pd.describe()	summary()	summary()
pd.describe()	summary()	summary()

Select

Select data by index, by label, get values



pd.loc[0:10]	pd.loc[0:10]	pd.loc[0:10]
pd.loc[0:10]	pd.loc[0:10]	pd.loc[0:10]
pd.loc[0:10]	pd.loc[0:10]	pd.loc[0:10]
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pd.loc[0:10]	pd.loc[0:10]	pd.loc[0:10]
pd.loc[0:10]	pd.loc[0:10]	pd.loc[0:10]
pd.loc[0:10]	pd.loc[0:10]	pd.loc[0:10]
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pd.loc[0:10]	pd.loc[0:10]	pd.loc[0:10]

Add rows/columns

Add new columns and rows



pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)
pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)
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pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)
pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)	pd.concat([df1, df2], axis=1)

Drop rows/columns/axis

Drop data from DataFrame



pd.drop()	pd.drop()	pd.drop()
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Sort values/index

Sorting and index values in Pandas and R



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Filter

Filter data based on multiple criteria



pd.query()	query()	query()
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Group by

Group by and summarize data



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Convert

Convert to data string, number



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About Pandas R

David Baud



About Pandas R:

Reviewing **About Pandas R**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**About Pandas R**," an enthralling opus penned by a very acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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