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Sources

GeeksforGeeks. (2019a, January 17). Python | Pandas Series.

https://www.geeksforgeeks.org/python-pandas-series/

GeeksforGeeks. (2019b, March 27). Python | Pandas Series.str.extract().

https://www.geeksforgeeks.org/python-pandas-series-str-extract/#:%7E:text=extract()%2

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0function%20is%20used,match%20of%20regular%20expression%20pat.

GeeksforGeeks. (2020, July 11). *How to create DataFrame from dictionary in Python-Pandas?*https://www.geeksforgeeks.org/how-to-create-dataframe-from-dictionary-in-python-pandas/

GeeksforGeeks. (2021a, June 28). Python | Pandas dataframe.groupby().

https://www.geeksforgeeks.org/python-pandas-dataframe-groupby/

GeeksforGeeks. (2021b, July 1). Python | Pandas dataframe.drop_duplicates().

https://www.geeksforgeeks.org/python-pandas-dataframe-drop_duplicates/

GeeksforGeeks. (2021c, October 22). Python | Pandas Series.str.contains().

https://www.geeksforgeeks.org/python-pandas-series-str-contains/#:%7E:text=contains()

%20function%20is%20used,of%20a%20Series%20or%20Index.

GeeksforGeeks. (2022a, July 7). Read JSON file using Python.

https://www.geeksforgeeks.org/read-json-file-using-python/

GeeksforGeeks. (2022b, July 8). Python String | split().

https://www.geeksforgeeks.org/python-string-split/

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GeeksforGeeks. (2022c, July 21). Create pandas dataframe from lists using dictionary.

https://www.geeksforgeeks.org/create-pandas-dataframe-from-lists-using-dictionary/?ref =rp

Pandas Development Team. (n.d.-a). pandas.DataFrame.insert — pandas 1.4.3 documentation.

Pandas. Retrieved July 25, 2022, from

https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.insert.html

Pandas Development Team. (n.d.-b). pandas.DataFrame.plot — pandas 1.4.3 documentation.

Pandas. Retrieved July 25, 2022, from

https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.plot.html

Pandas Development Team. (n.d.-c). pandas. DataFrame.sum — pandas 1.4.3 documentation.

Pandas. Retrieved July 25, 2022, from

https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.sum.html

Pandas Development Team. (n.d.-d). pandas.DataFrame.sum — pandas 1.4.3 documentation.

Pandas. Retrieved July 25, 2022, from

https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.sum.html

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Pandas Development Team. (n.d.-e). pandas.DataFrame.transpose — pandas 1.4.3

documentation. Pandas. Retrieved July 25, 2022, from

https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.transpose.html

Programiz. (n.d.). Python while Loop. Retrieved July 25, 2022, from

https://www.programiz.com/python-programming/while-loop

ProjectPro. (2022, July 11). Python Pandas Dataframe Tutorial for Beginners.

https://www.projectpro.io/article/python-pandas-dataframe-tutorials/405

VanderPlas, J. (n.d.). Combining Datasets: Merge and Join | Python Data Science Handbook.

Python Data Science Handbook. Retrieved July 25, 2022, from

https://jakevdp.github.io/PythonDataScienceHandbook/03.07-merge-and-join.html #:%7E-and-join.html #:%7E-

: text = merge()%20 function%20 recognizes%20 that, information%20 from%20 the%20 two

%20inputs.

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