Instructions for using this code:

1.Make sure you have the following Python libraries installed: numpy, datetime, os, csv, typing, matplotlib.

2.Place the file "DumpFile.txt" in the same directory as the Python script.

3.Run the Python script using a Python interpreter (like IDLE or PyCharm).

4.The script will try to open the file "DumpFile.txt" in utf8 encoding, if it doesn't find the file it will display an error message with the absolute path of the missing file.

5.The content of the file "DumpFile.txt" will be read, and stored in the variable "res", then split into lines with a line break and stored in the variable "ress".

6.The script will create a csv file "test.csv" in the same directory as the script, and write the column headings to it.

7.It will then browse each element in "ress" and extract specific information using methods like .split(), .startswith(), len() and np.append().

8.The extracted information is stored in variables and written to the "test.csv" file as rows.

9.The script also displays debugging information throughout its execution, which can be useful for understanding how it works.

Note: The script is designed to extract specific information from a specific log file, so you may need to modify it to work with other file types.