User Manual

This code reads a file called "DumpFile.txt" which is located in the folder "/Users/damie/Documents/". Please make sure that the file exists in the specified location and that the code has the appropriate permissions to read it.

The code separates the file into individual frames by splitting the data on the newline characters.

For each frame, the code then separates the frame into lines and extracts the source IP address from each line. These IP addresses are then added to a list called "frames\_data".

If the number of IP addresses extracted is greater than or equal to 10, the code will proceed to create a DataFrame with the extracted IP addresses as the source\_ip column.

The code groups the IP addresses by source\_ip and counts the number of occurrences of each IP address.

The code filters the IP addresses that have less than 5 occurrences.

The code then prints the filtered data and shows a bar graph of the filtered data, with the source\_ip on the x-axis and counts on the y-axis.

If the number of IP addresses extracted is less than 10, the code will print "Minimum of 10 requests not met"

The code uses the library pandas for data manipulation and matplotlib for graph visualization.

Make sure the library pandas and matplotlib is installed on your machine.