Name:

Dataset: **UofS\_access\_log OR UofC\_access\_log**

8. Breakdown of requests by file type:

|  |  |
| --- | --- |
| HTML | 47.18% |
| Images | 50.23% |
| Sound | 0.10% |
| Video | 0.32% |
| Formatted | 1.46% |
| Dynamic | 0.04% |
| Others | 0.67% |

Number of image requests are comparable to html requests which tells me that it is likely that there is a logo sent with all pages, most likely the logo of the university as in the previous assignment we concluded that most traffic was likely to be from people accessing university pages as during the time the logs were recorded there was barely any mobile devices. The only other type of file that had any significant requests was formatted files, which were likely to be some sort of documentation for students or lecturers, possible outlines sent within emails.

9. Breakdown of bytes transferred by file type:

|  |  |
| --- | --- |
| HTML | 13.24% |
| Images | 49.73% |
| Sound | 1.27% |
| Video | 11.43% |
| Formatted | 22.50% |
| Dynamic | 0.01% |
| Others | 1.82% |

Html transfers in bytes were low although being the bulk of requests, this is as html files are quite small and didn’t have much styling or scripting attached to them when the data was created. Webpages were a lot smaller as features brought to users by technologies such as JavaScript hadn’t been created or were no implemented yet at the time. Images accounted for a large amount of the file transfer as images did take up around the same number of requests, images are much larger as they contain a lot more data than a html file. Formatted files although low in requests had many bytes correlated to them, this is likely to be because the files contained a lot of data due to them being research-based documents or compression for these files not being great at the time.

10. Average transfer size (in bytes) by file type:

|  |  |
| --- | --- |
| HTML | 3921.98 |
| Images | 13839.94 |
| Sound | 172267.13 |
| Video | 496991.91 |
| Formatted | 215751.90 |
| Dynamic | 4702.62 |
| Others | 38052.08 |

Video files averaged around 0.5mb which means these files were likely to be short 2-3 videos at a low resolution. Sound and formatted files come in around the same amount, these sound files are likely to be

11. Unique one-timers:

|  |  |
| --- | --- |
| Objects | 22.67% |
| Bytes | 0.75% |

12.

13.

14.