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| Document Name | Unit Test results of Search Keyword Performance program |
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| Submitted to | Adobe |
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| Version | 1.1 |

* Test Case 1:

Test Case description : Check if the program is taking an argument File name ?

Expected Results- Program should take file name as argument as complete successfully.

Actual Results-

*riazkhan@ip-10-232-45-68 Adobe % python3 SearchKeywordPerformance.py data.tsv*

*Program started...*

*Program completed successfully!*

*riazkhan@ip-10-232-45-68 Adobe %*

Test Result: Pass

Negative Test case- Check if the program if failing when no file name passed?

Expected Results- Program should fail when no arguments passed.

Actual Results-

*riazkhan@ip-10-232-45-68 Adobe % python3 SearchKeywordPerformance.py*

*Program started...*

*Pass file name/right number of arguments to the program. Exiting ....*

*riazkhan@ip-10-232-45-68 Adobe %*

Test Result: Pass

* Test case 2:

Test Case description : Check if the header record present in the output file.

Expected results: The below headers should be present in the file.

Search Engine Domain Search Keyword Revenue

Actual results:

Search Engine Domain Search Keyword Revenue

bing.com Phone 1000

bing.com Zune 500

google.com Ipod 290

Test Result: Pass

* Test case 3:

Test Case description : Check if the output file name is generated with name [Date]\_SearchKeywordPerformance.tab

The format should be YYYY-mm-dd (i.e. 2009-10-08)

Expected results: The file name should be YYYY-mm-dd\_ SearchKeywordPerformance.tab

Actual results: 2022-04-06\_SearchKeywordPerformance.tab

Test Result: Pass

* Test case 4:

Test Case description : Validate if the program is finding the search engine and revenue when the user used search engine.

Input Data:

Graphical user interface, text, application, table

Description automatically generated with medium confidence

Expected results- In output file search engine name ( google.com) and amount 290 should be present.

Actual Results-

Search Engine Domain Search Keyword Revenue

bing.com Phone 1000

bing.com Zune 500

google.com Ipod 290

Test Result: Pass

* Test case 5:

Test Case description : Validate if the program is finding the search engine and total revenue when the users used same search engine and same key word.

Input Data:

Graphical user interface, text, application

Description automatically generated

Expected results- In output file search engine name ( bing.com) and amount 500 should be present.

Actual Results-

Search Engine Domain Search Keyword Revenue

bing.com Phone 1000

bing.com Zune 500

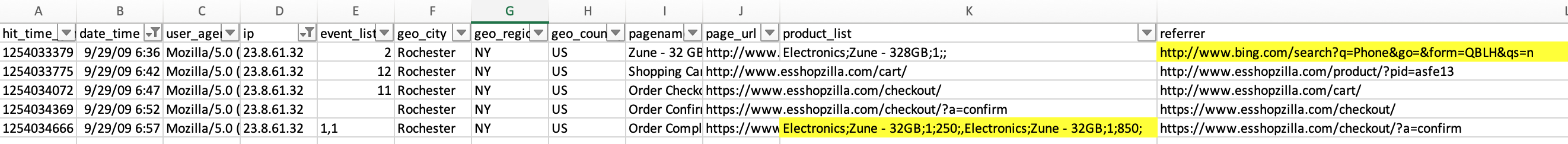
google.com Ipod 290

Test Result: Pass

* Test case 6:

Test Case description : Validate if the program is finding the search engine and total revenue when the users used did multiple purchases in same transaction.

Input Data:



Expected results- In output file search engine name ( bing.com) and amount 1100 should be present.

Actual Results-

Search Engine Domain Search Keyword Revenue

bing.com Phone 1100

bing.com Zune 500

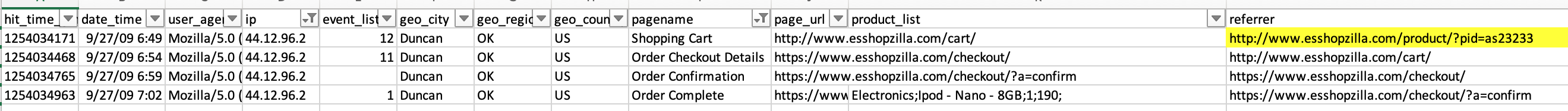
google.com Ipod 290

Test Result: Pass

* Test case 7:

Test Case description : Validate if the program is finding the search engine and total revenue when the users used didn’t use search engine.

Input Data:



Expected results- In output file search engine name and amount shouldn’t be present.

Actual Results-

Search Engine Domain Search Keyword Revenue

bing.com Phone 1100

bing.com Zune 500

google.com Ipod 290

Test Result: Pass