Christine McGuire

Unit 2 Project: Mozilla Firefox

SQL Queries

1. What is the MIN and MAX number of windows, MIN and MAX number of tabs, MIN and MAX number of bookmarks, and MIN and MAX of bookmark folders for users overall?

Code:

select event\_code, min(cast(substring(data1, 1, 1) as int)),

min(cast(substring(data2, 1, 1) as int)),

max(cast(substring(data1, 1, 1) as int)),

max(cast(substring(data2, 1, 1) as int))

from events

where (event\_code = 8 or event\_code = 26)

and (data1 not like '%New%')

group by event\_code

1. What portion of the total users completed survey question 2, “Do you use more than one browser daily in your life?”

Code: ﻿

select cast(count(a.q2) as decimal)/cast(count(b.id) as decimal) as portion\_q2

from survey a

right outer join users b

on a.user\_id = b.id

1. What portion of the total users survey question 7, “How much time do you spend on the Web each day”?

Code:

﻿select cast(count(a.q7) as decimal)/cast(count(b.id) as decimal) as portion\_q7

from survey a

right outer join users b

on a.user\_id = b.id

1. What portion of the total users completed survey question 9, “Where do you usually access the Internet”?

Code:

﻿select cast(count(a.q9) as decimal)/cast(count(b.id) as decimal) as portion\_q9

from survey a

right outer join users b

on a.user\_id = b.id

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for Internet users overall?

Code:

﻿select event\_code, round(avg(cast(substring(data1, 1, 1) as int)),2),

round(avg(cast(substring(data2, 1, 1) as int)),2)

from events

where (event\_code = 8 or event\_code = 26)

and (data1 not like '%New%')

group by event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for users who report to only use Firefox?

Code:

﻿select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26)

and (a.data1 not like '%New%')

and (b.q2 = '0')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for users who report to use more than one browser?

Code:

﻿select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26)

and (a.data1 not like '%New%')

and (b.q2 = '1')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for internet users who report to use the Internet less than 2 hours per day?

Code:

select  a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q7 = '0' or b.q7 = '1')

and (a.data1 not like '%New%')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for internet users who report to use the Internet 2-4 hours per day?

Code:

﻿select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q7 = '2')

and (a.data1 not like '%New%')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for internet users who report to use the Internet 4-6 hours per day?

﻿Code:

select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q7 = '3')

and (a.data1 not like '%New%')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for Internet users who report to use the Internet more than 6 hours per day?

Code:

﻿select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q7 = '4' or b.q7 = '5' or b.q7 = '6')

and (a.data1 not like '%New%')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for Internet users who report to access the internet mostly at home?

Code:

﻿select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q9 LIKE '%0%')

and (a.data1 not like '%New%')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for Internet users who report to access the Internet mostly at work?

﻿

Code:

select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q9 LIKE '%1%')

and (a.data1 not like '%New%')

group by a.event\_code

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for Internet users who report to access the Internet mostly at school?

Code:

﻿select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q9 LIKE '%2%')

and (a.data1 not like '%New%')

group by a.event\_code

﻿

1. What is the average number of windows, average number of tabs, average number of bookmarks, and average number of bookmark folders for Internet users who report to access the Internet mostly on their mobile devices?

Code:

﻿select a.event\_code, round(avg(cast(substring(a.data1, 1, 1) as int)),2), round(avg(cast(substring(a.data2, 1, 1) as int)),2)

from events a

left outer join survey b

on a.user\_id = b.user\_id

where (a.event\_code = 8 or a.event\_code = 26) and (b.q9 LIKE '%3%')

and (a.data1 not like '%New%')

group by a.event\_code