

# Excercise 5 - PS811

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10/29/2021

## R Markdown

##BaseR

```
read.csv("food_coded.csv")
```

##	GPA	Gender	breakfast	calories_chicken	calories_day	calories_scone
## 1	2.4	2	1	430	NaN	315
## 2	3.654	1	1	610	3	420
## 3	3.3	1	1	720	4	420
## 4	3.2	1	1	430	3	420
## 5	3.5	1	1	720	2	420
## 6	2.25	1	1	610	3	980
## 7	3.8	2	1	610	3	420
## 8	3.3	1	1	720	3	420
## 9	3.3	1	1	430	NaN	420
## 10	3.3	1	1	430	3	315
## 11	3.5	1	1	610	3	980
## 12	3.904	1	1	720	4	420
## 13	3.4	2	1	430	3	420
## 14	3.6	1	1	610	3	420
## 15	3.1	2	1	610	3	420
## 16	nan	2	2	430	NaN	980
## 17	4	1	1	265	3	420
## 18	3.6	2	1	430	3	980
## 19	3.4	1	1	720	3	980
## 20	2.2	2	1	430	2	420
## 21	3.3	2	1	610	3	980
## 22	3.87	2	1	610	3	315
## 23	3.7	2	1	610	3	420
## 24	3.7	2	2	610	3	420
## 25	3.9	1	1	720	2	420
## 26	2.8	1	2	720	3	420
## 27	3.7	2	1	610	2	420
## 28	3	2	1	610	4	980
## 29	3.2	2	1	610	2	420
## 30	3.5	2	1	265	2	420
## 31	4	1	1	720	3	420
## 32	4	2	1	610	3	420
## 33	3.4	2	1	610	3	315
## 34	2.8	1	1	720	3	420
## 35	3.65	1	1	610	3	420
## 36	3	1	1	610	2	420

## 37	3.7	1	1	610	3	420
## 38	3.4	1	1	720	4	420
## 39	3.89	1	1	610	3	980
## 40	3	2	1	720	NaN	980
## 41	3.4	2	1	430	3	315
## 42	2.9	1	1	720	4	980
## 43	3.6	1	1	610	3	420
## 44	3.5	1	1	430	2	980
## 45	3.2	1	1	610	4	420
## 46	3.605	1	1	610	3	315
## 47	3.8	2	1	430	2	420
## 48	2.8	2	1	430	NaN	980
## 49	3.5	2	2	430	NaN	315
## 50	3.83	2	1	430	3	315
## 51	3.6	2	1	720	3	420
## 52	3.3	2	1	610	4	980
## 53	3.3	2	1	610	4	420
## 54	3.292	2	1	610	NaN	980
## 55	3.5	2	1	610	3	420
## 56	3.35	1	2	610	2	315
## 57	3.8	2	1	720	4	315
## 58	2.8	1	1	610	4	980
## 59	3.5	1	1	610	3	420
## 60	3.7	1	1	610	NaN	420
## 61	3.6	1	1	610	4	420
## 62	Personal	1	1	610	2	980
## 63	3.9	2	1	610	4	980
## 64	2.6	1	1	610	4	980
## 65	3.5	1	1	610	3	420
## 66	3.2	1	1	610	NaN	315
## 67	3	1	1	720	3	420
## 68	3.6	1	1	610	2	420
## 69	3.2	1	1	430	3	315
## 70	3.67	1	2	720	4	420
## 71	3.73	1	1	610	3	980
## 72	4	1	1	720	NaN	420
## 73	3.1	2	2	610	3	980
## 74	3.79 bitch	2	1	720	4	420
## 75	2.71	2	2	265	2	420
## 76	3	1	1	610	3	420
## 77	3.7	1	2	610	3	420
## 78	3.1	2	2	265	2	420
## 79	3	1	1	720	3	420
## 80	3.9	2	1	720	3	420
## 81	3.4	1	1	430	2	420
## 82	3.5	1	2	610	3	420
## 83	3.7	1	1	265	NaN	315
## 84	3.7	1	1	430	3	420
## 85	3.83	1	1	720	3	420
## 86	2.6	1	1	265	3	315
## 87	3	1	1	610	3	420
## 88	3.2	2	1	720	3	420
## 89	3.5	2	2	720	4	980
## 90	3.2	1	1	610	3	420

## 91	3.68	2	1	720	4	420
## 92	3.8	1	2	610	2	420
## 93	3.3	2	2	720	NaN	420
## 94	3.2	2	1	720	NaN	420
## 95	3.75	2	1	610	3	420
## 96	3.5	2	1	265	NaN	420
## 97	3.92	2	1	430	3	420
## 98	3.9	1	1	720	3	420
## 99	3.9	2	1	720	3	315
## 100	3.2	1	1	430	4	420
## 101	3.5	1	1	610	3	NaN
## 102	3.4	1	1	610	NaN	420
## 103	nan	1	1	610	4	420
## 104	3.7	1	1	610	3	420
## 105	Unknown	1	1	720	3	420
## 106	3	1	1	720	3	420
## 107	3	1	1	430	3	315
## 108	3.8	1	1	430	3	420
## 109	3.8	1	1	430	2	420
## 110	3.4	1	1	610	3	420
## 111	3.7	1	1	610	3	315
## 112	2.9	2	1	265	2	980
## 113	3.9	1	1	610	4	315
## 114	3.6	1	1	430	2	420
## 115	2.8	2	1	610	3	315
## 116	3.3	2	1	610	4	980
## 117	3.4	1	1	610	NaN	420
## 118	3.77	1	1	610	NaN	315
## 119	3.63	1	1	430	3	420
## 120	3.2	2	1	610	3	420
## 121	3.5	1	1	610	4	420
## 122	3	1	1	265	2	315
## 123	3.882	1	1	720	NaN	420
## 124	3	2	1	720	4	420
## 125	3.9	1	1	430	NaN	315
##	coffee					
## 1	1					
## 2	2					
## 3	2					
## 4	2					
## 5	2					
## 6	2					
## 7	2					
## 8	1					
## 9	1					
## 10	2					
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## 12	2					
## 13	2					
## 14	2					
## 15	2					
## 16	2					
## 17	1					
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## 19	1
## 20	2
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## 22	1
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## 25	2
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## 63	2
## 64	2
## 65	1
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## 67	1
## 68	1
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## 70	2
## 71	2
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## 73	2
## 74	2
## 75	1
## 76	2
## 77	1
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## 79	2
## 80	2
## 81	2
## 82	1
## 83	2
## 84	2
## 85	2
## 86	2
## 87	2
## 88	1
## 89	2
## 90	2
## 91	2
## 92	2
## 93	2
## 94	2
## 95	2
## 96	2
## 97	2
## 98	2
## 99	1
## 100	1
## 101	2
## 102	2
## 103	2
## 104	2
## 105	2
## 106	2
## 107	2
## 108	1
## 109	2
## 110	2
## 111	1
## 112	2
## 113	2
## 114	1
## 115	2
## 116	2
## 117	2
## 118	2
## 119	1
## 120	2
## 121	2
## 122	2
## 123	1
## 124	1
## 125	2
##	

comfort\_foo

## 1 non  
 ## 2 chocolate, chips, ice cream  
 ## 3 frozen yogurt, pizza, fast food  
 ## 4 Pizza, Mac and cheese, ice cream  
 ## 5 Ice cream, chocolate, chips  
 ## 6 Candy, brownies and soda  
 ## 7 Chocolate, ice cream, french fries, pretzels  
 ## 8 Ice cream, cheeseburgers, chips  
 ## 9 Donuts, ice cream, chips  
 ## 10 Mac and cheese, chocolate, and pasta  
 ## 11 Pasta, grandma homemade chocolate cake anything homemade  
 ## 12 chocolate, pasta, soup, chips, popcorn  
 ## 13 Cookies, popcorn, and chips  
 ## 14 ice cream, cake, chocolate  
 ## 15 Pizza, fruit, spaghetti, chicken and Potatoes  
 ## 16 cookies, donuts, candy bars  
 ## 17 Saltfish, Candy and Kit Kat  
 ## 18 chips, cookies, ice cream  
 ## 19 Chocolate, ice cream  
 ## 20 pizza, wings, Chinese  
 ## 21 Fast food, pizza, sub  
 ## 22 chocolate, sweets, ice cream  
 ## 23 burgers, chips, cookies  
 ## 24 Chilli, soup, pot pie  
 ## 25 Soup, pasta, brownies, cake  
 ## 26 chocolate, ice cream/milkshake, cookies  
 ## 27 Chips, ice cream, microwaveable foods  
 ## 28 Chicken fingers, pizza  
 ## 29 cookies, hot chocolate, beef jerky  
 ## 30 Tomato soup, pizza, Fritos, Meatball sub, Dr. Pepper  
 ## 31 cookies, mac-n-cheese, brownies, french fries,  
 ## 32 chips and dip, pepsi,  
 ## 33 Grandma's Chinese, Peruvian food from back home, and sushi  
 ## 34 Ice cream, cookies, Chinese food, and chicken nuggets  
 ## 35 french fries, chips, ice cream  
 ## 36 mac n cheese, peanut butter and banana sandwich, omelette  
 ## 37 pizza, doughnuts, mcdonalds  
 ## 38 chocolate, chips, candy  
 ## 39 chocolate, popcorn, ice cream  
 ## 40 Candy\nPop\nChocolate \nChipotle \nMoe's  
 ## 41 Pizza, Ice cream, fries, cereal, cookies  
 ## 42 Ice cream, chocolate, twizzlers  
 ## 43 ice cream, cookie dough, cookies, cheese  
 ## 44 ice cream, cereal, and salt and vinegar chips  
 ## 45 Potato chips, ice cream, chocolate, cookies  
 ## 46 Mac and cheese, fried chicken, cornbread  
 ## 47 popcorn, chips, candy, & fries  
 ## 48 Chex-mix, Wegmans cookies, Cheez-Its  
 ## 49 pizza, ice cream, chips  
 ## 50 fried chicken. mashed potatoes, mac and cheese  
 ## 51 Popcorn, Chex Mix, Pizza  
 ## 52 Burger  
 ## 53 Pizza, chocolate, and ice cream  
 ## 54 fries, chips, fried chicken, pizza, grapes

## 55 peanut butter sandwich, pretzals, garlic bread  
 ## 56 chips, dip, fries, pizza  
 ## 57 Pizza, Ice Cream, Chicken Wings  
 ## 58 Pizza chocolate chips bagels ice Capps  
 ## 59 Chocolate, ice cream, pasta  
 ## 60 Mac n Cheese. Chips and salsa. Ice cream  
 ## 61 peanut butter, dessets, pretzels.  
 ## 62 Macaroons, truffles, peanut butter n chocolate ice cream  
 ## 63 ice cream, cookies, ice cream  
 ## 64 carrots and ranch, pretzels, dark chocolate  
 ## 65 cookies, nutella, ice cream, coffee, fruit  
 ## 66 mac and cheese  
 ## 67 Chocolate, Popcorn, Icecream  
 ## 68 Ice cream, cake, mozzarella sticks, pierogies  
 ## 69 Chips, Mac and cheese, pizza, French fries  
 ## 70 Pizza, burritos, slim jim  
 ## 71 Broccoli, spaghetti squash, quinoa, and grilled chicken  
 ## 72 Chocolate, ice cream, cookie dough  
 ## 73 pizza, pretzels, fruit snacks, deli sandwiches  
 ## 74 Chips, ice cream  
 ## 75 naan  
 ## 76 mac and cheese, potato soup, ice cream, chips and cheese  
 ## 77 chocolate, pizza, and mashed potatoes  
 ## 78 Pizza cookies steak  
 ## 79 chocolate, fruit, and ice cream  
 ## 80 Chips sweets popcorn  
 ## 81 Cookies, burgers, chicken noodle soup, ice cream  
 ## 82 cake, French fries, chicken nuggets  
 ## 83 pizza, ice cream, cookies  
 ## 84 Mashed potatoes, pasta  
 ## 85 Pasta dishes, Cheesecake, Pancakes  
 ## 86 Ice cream, pizza, cookies  
 ## 87 Chinese food, moes, sponge candy, homemade lasagne  
 ## 88 pizza, pasta, mac and cheese  
 ## 89 Little Debbie snacks, donuts, pizza  
 ## 90 carrots, plantain chips, almonds, popcorn  
 ## 91 chips, ice cream, fruit snacks  
 ## 92 Macaroni and cheese, chicken noodle soup, pizza  
 ## 93 Chocolate, Chips, Ice cream, French Fires, Pizza  
 ## 94 Mac and cheese, lasagna, Chinese food  
 ## 95 candy, Chinese, mcdonalds  
 ## 96 Doritos, mac and cheese, ice cream  
 ## 97 Ice cream, cake, pop, pizza, and milkshakes  
 ## 98 Mac and Cheese, Pizza, Ice Cream and French Fries  
 ## 99 Soup, pasta, cake  
 ## 100 mac & cheese, frosted brownies, chicken nuggets  
 ## 101 watermelon, grapes, ice cream  
 ## 102 macaroni and cheese, stuffed peppers, hamburgers, french fries  
 ## 103 Pizza, mashed potatoes, spaghetti  
 ## 104 dark chocolate, terra chips, reese's cups(dark chocolate), and bread/crackers with cottage cheese  
 ## 105 Chips, chocolate, ,mozzarella sticks  
 ## 106 ice cream, chips, candy  
 ## 107 Pizza, soda, chocolate brownie, chicken tikka masala and butter naan  
 ## 108 Chocolate, Pasta, Cookies

```

## 109                                Candy, salty snacks, toasts
## 110                                Mac in cheese, pizza, mozzarella sticks
## 111                                Ice-cream, pizza, chocolate
## 112                                snacks, chips,
## 113                                Chocolate, Ice cream, pizza
## 114                                ice cream, pizza, Chinese food
## 115                                Burgers, indian and korean food\
## 116                                chocolate bar, ice cream, pretzels, potato chips and protein bars
## 117                                Ice cream, chocolate, pizza, cucumber
## 118                                Noodle ( any kinds of noodle), Tuna sandwich, and Egg.\
## 119                                Chinese, chips, cake
## 120                                chips, rice, chicken curry
## 121                                wine. mac and cheese, pizza, ice cream
## 122                                Pizza / Wings / Cheesecake
## 123                                rice, potato, seaweed soup
## 124                                Mac n Cheese, Lasagna, Pizza
## 125                                Chocolates, pizza, and Ritz
##
## 1
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## 6                                None, i don't eat
## 7
## 8                                I eat comfort food when im stressed out from school(final week), when I`m sad, or when
## 9
## 10
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## 17
## 18                                I usually only eat comfort food when I'm bored, if i am doing some
## 19
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## 34                                bored
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All of th

stres

They taste better than other food. The

I usually only eat comfort foods when I am bored. I will also eat them when I am happy to celebr

I do not really eat "comfort food" but I guess

Boredom, being in your

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## 125
##      comfort_food_reasons_coded cook comfort_food_reasons_coded.1 cuisine
## 1              9      2              9      NaN
## 2              1      3              1      1
## 3              1      1              1      3
## 4              2      2              2      2
## 5              1      1              1      2
## 6              4      3              4      NaN
## 7              1      2              1      1
## 8              1      3              1      1
## 9              2      3              2      1
## 10             1      3              1      1
## 11             2      1              2      1
## 12             3      3              3      1
## 13             3      5              3      1
## 14             1      2              1      1
## 15             2      3              2      1
## 16             2      4              2      1
## 17             1      3              1      NaN
## 18             2      3              2      1

```

## 19	3	3	3	1
## 20	2	4	2	1
## 21	7	5	7	1
## 22	2	3	2	3
## 23	3	5	3	2
## 24	1	4	1	1
## 25	6	1	6	1
## 26	2	3	2	1
## 27	2	3	2	1
## 28	2	4	2	1
## 29	2	2	2	2
## 30	2	3	2	NaN
## 31	1	3	1	1
## 32	1	2	1	1
## 33	4	5	4	NaN
## 34	2	4	2	2
## 35	2	4	2	1
## 36	2	1	2	1
## 37	2	3	2	NaN
## 38	1	2	1	6
## 39	2	3	2	1
## 40	9	5	9	1
## 41	3	3	3	1
## 42	5	2	5	1
## 43	2	4	2	1
## 44	3	3	3	1
## 45	1	1	1	1
## 46	4	3	4	1
## 47	3	3	3	1
## 48	2	4	2	1
## 49	1	4	1	1
## 50	5	3	5	2
## 51	1	5	1	1
## 52	5	3	5	1
## 53	2	1	2	1
## 54	2	4	2	1
## 55	1	1	1	2
## 56	2	3	2	NaN
## 57	2	3	2	1
## 58	9	2	9	1
## 59	1	1	1	2
## 60	2	2	2	1
## 61	3	2	3	1
## 62	3	2	3	NaN
## 63	2	3	2	1
## 64	3	3	3	2
## 65	2	1	2	1
## 66	2	2	2	2
## 67	3	2	3	1
## 68	2	4	2	1
## 69	1	3	1	1
## 70	2	2	2	NaN
## 71	2	3	2	1
## 72	2	2	2	1

## 73	2	3	2	1
## 74	2	1	2	1
## 75	9	2	9	4
## 76	3	3	3	1
## 77	2	2	2	1
## 78	2	2	2	1
## 79	1	2	1	1
## 80	2	5	2	1
## 81	7	3	7	1
## 82	2	3	2	1
## 83	2	NaN	2	1
## 84	2	2	2	1
## 85	3	1	3	1
## 86	1	3	1	1
## 87	2	2	2	1
## 88	3	4	3	1
## 89	9	NaN	9	1
## 90	1	3	1	NaN
## 91	2	4	2	NaN
## 92	2	2	2	1
## 93	1	2	1	1
## 94	2	4	2	1
## 95	5	2	5	NaN
## 96	2	3	2	1
## 97	7	2	7	2
## 98	2	3	2	1
## 99	3	4	3	6
## 100	3	4	3	2
## 101	3	3	3	1
## 102	2	3	2	1
## 103	3	2	3	1
## 104	8	2	5	1
## 105	2	4	2	1
## 106	2	3	2	1
## 107	NA	2	1	NaN
## 108	NA	2	1	1
## 109	NA	5	1	1
## 110	NA	2	1	1
## 111	NA	3	3	2
## 112	NA	2	2	NaN
## 113	NA	1	3	1
## 114	NA	2	2	1
## 115	NA	3	3	4
## 116	NA	4	1	1
## 117	NA	3	2	NaN
## 118	NA	3	5	4
## 119	NA	3	1	1
## 120	NA	2	7	5
## 121	NA	3	2	1
## 122	NA	3	3	NaN
## 123	NA	3	3	NaN
## 124	NA	3	7	1
## 125	NA	NaN	5	3
##				

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I t:

My current diet is eggs and a meat every morning for br

I will eat a full bleakest every morning consis

At school I c

My current di

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## 85  
## 86 I try to eat something light for breakfast like cereal or an apple. For lunch I eat sandwiches o  
## 87  
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## 106 Since I am a colle  
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## 124
## 125
##      diet_current_coded drink
## 1          1          1
## 2          2          2
## 3          3          1
## 4          2          2
## 5          2          2
## 6          2          2
## 7          3          1
## 8          1          2
## 9          1          1
## 10         1          1
## 11         1          2
## 12         1          1
## 13         1          2
## 14         2          2
## 15         1          2
## 16         2          2
## 17         1          1
## 18         3          2
## 19         1          1
## 20         2          2
## 21         2          2
## 22         2      NaN
## 23         1          1
## 24         1          1
## 25         1          2
## 26         1          1
## 27         1          1
## 28         1          2
## 29         2          1
## 30         2          2
## 31         1          1
## 32         2          2
## 33         2          2
## 34         2          1
## 35         2          1
## 36         3          1

```

## 37	2	2
## 38	2	2
## 39	1	1
## 40	2	2
## 41	3	2
## 42	4	1
## 43	2	2
## 44	2	1
## 45	1	1
## 46	1	1
## 47	2	2
## 48	2	1
## 49	2	2
## 50	2	1
## 51	1	1
## 52	4	1
## 53	3	1
## 54	4	2
## 55	1	1
## 56	2	2
## 57	1	1
## 58	1	1
## 59	3	2
## 60	3	2
## 61	1	2
## 62	1	1
## 63	1	1
## 64	1	NaN
## 65	1	1
## 66	2	1
## 67	1	2
## 68	2	2
## 69	1	2
## 70	2	2
## 71	1	1
## 72	1	1
## 73	2	2
## 74	2	2
## 75	4	2
## 76	1	1
## 77	2	2
## 78	2	2
## 79	3	1
## 80	2	2
## 81	2	2
## 82	2	2
## 83	4	2
## 84	2	1
## 85	1	2
## 86	3	2
## 87	1	2
## 88	2	2
## 89	2	2
## 90	2	1



## 91	1	2
## 92	2	2
## 93	2	2
## 94	2	2
## 95	1	2
## 96	2	2
## 97	2	2
## 98	1	2
## 99	2	2
## 100	2	1
## 101	1	1
## 102	2	2
## 103	1	2
## 104	1	1
## 105	2	2
## 106	2	2
## 107	1	1
## 108	1	1
## 109	1	2
## 110	2	2
## 111	2	1
## 112	1	2
## 113	1	1
## 114	2	2
## 115	2	2
## 116	2	2
## 117	2	1
## 118	1	1
## 119	2	1
## 120	2	1
## 121	2	2
## 122	2	1
## 123	2	1
## 124	1	2
## 125	1	1
##		
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## 70  
## 71  
## 72

Freshman year I did not watch my diet at

```

## 73
## 74
## 75
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## 86
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## 97
## 98
## 99
## 100
## 101
## 102
## 103
## 104 Coming to college I have ate less well colored meals each day due to lack of income and desire to
## 105 I've definitely got
## 106
## 107
## 108
## 109
## 110
## 111
## 112
## 113
## 114
## 115
## 116
## 117
## 118
## 119
## 120
## 121
## 122
## 123
## 124
## 125
##      eating_changes_coded eating_changes_coded1 eating_out employment

```

## 1	1	1	3	3
## 2	1	2	2	2
## 3	1	3	2	3
## 4	1	3	2	3
## 5	3	4	2	2
## 6	1	3	1	3
## 7	2	5	2	3
## 8	2	5	2	2
## 9	2	8	5	2
## 10	1	3	3	3
## 11	3	4	2	1
## 12	4	5	1	2
## 13	2	5	1	3
## 14	1	3	4	2
## 15	3	4	2	3
## 16	3	4	4	3
## 17	2	5	1	2
## 18	1	2	2	3
## 19	4	6	3	2
## 20	3	4	2	3
## 21	1	3	4	2
## 22	1	8	1	2
## 23	1	3	1	2
## 24	1	7	2	2
## 25	1	2	4	3
## 26	3	4	2	3
## 27	1	3	2	2
## 28	2	5	2	3
## 29	1	3	2	2
## 30	1	3	5	3
## 31	1	7	3	2
## 32	3	4	2	3
## 33	1	3	3	2
## 34	1	3	2	3
## 35	1	3	3	3
## 36	1	3	2	3
## 37	1	8	4	2
## 38	1	3	2	2
## 39	1	2	2	3
## 40	1	2	5	3
## 41	1	9	2	3
## 42	1	3	4	2
## 43	1	3	2	2
## 44	2	5	1	NaN
## 45	2	4	2	2
## 46	2	5	2	2
## 47	1	2	2	2
## 48	1	3	2	NaN
## 49	1	3	2	3
## 50	1	3	2	NaN
## 51	2	5	2	3
## 52	1	3	3	3
## 53	1	3	5	NaN
## 54	3	4	3	NaN

## 55	2	5	3	3
## 56	4	10	5	3
## 57	2	5	4	3
## 58	2	5	3	2
## 59	1	11	2	2
## 60	1	11	2	3
## 61	3	4	5	3
## 62	2	5	2	2
## 63	2	5	5	2
## 64	3	4	4	3
## 65	1	3	3	2
## 66	1	11	3	3
## 67	1	3	2	3
## 68	1	3	3	2
## 69	1	3	1	3
## 70	1	3	2	3
## 71	1	8	1	2
## 72	1	11	1	2
## 73	1	3	1	2
## 74	2	12	4	3
## 75	3	4	1	3
## 76	1	3	2	2
## 77	1	3	2	2
## 78	2	13	2	2
## 79	1	2	2	2
## 80	1	7	1	3
## 81	1	3	3	2
## 82	1	3	3	3
## 83	1	3	5	3
## 84	1	2	2	NaN
## 85	2	5	2	3
## 86	1	2	3	2
## 87	2	5	1	3
## 88	1	3	2	2
## 89	2	5	1	2
## 90	2	5	2	2
## 91	2	5	2	3
## 92	1	3	3	2
## 93	2	5	5	2
## 94	1	2	2	3
## 95	1	3	2	NaN
## 96	1	2	2	3
## 97	2	5	2	2
## 98	2	5	2	2
## 99	2	5	5	3
## 100	2	5	3	2
## 101	1	3	2	2
## 102	1	11	2	2
## 103	2	5	3	3
## 104	1	3	2	2
## 105	1	2	2	2
## 106	1	10	3	NaN
## 107	2	12	5	NaN
## 108	1	2	2	2

## 109		1		2	2	3
## 110		2		5	3	2
## 111		1		3	4	3
## 112		2		5	2	2
## 113		2		5	4	3
## 114		1		2	3	2
## 115		1		10	3	3
## 116		1		3	2	2
## 117		1		3	4	3
## 118		2		5	2	2
## 119		2		5	2	2
## 120		2		5	2	2
## 121		1		3	2	1
## 122		1		3	4	3
## 123		1		3	3	3
## 124		1		8	5	2
## 125		2		5	1	2
##	ethnic_food	exercise	father_education			father_profession
## 1	1	1	5			profesor
## 2	4	1	2			Self employed
## 3	5	2	2			owns business
## 4	5	3	2			Mechanic
## 5	4	1	4			IT
## 6	4	2	1			Taxi Driver
## 7	5	1	4			Assembler
## 8	2	2	3			Business guy
## 9	5	NaN	5			High School Principal
## 10	5	1	5			commissioner of erie county
## 11	5	1	2			Idk
## 12	5	1	3			Home Marker
## 13	4	3	3			Shirt designer
## 14	5	2	2			business owner
## 15	4	2	4			Commidity trader
## 16	1	1	5			Hockey Coach
## 17	2	2	1			Construction
## 18	4	1	2			self employed construction
## 19	1	3	5			Engineer
## 20	3	2	5			architect
## 21	4	1	5			CFO
## 22	3	1	4			European logistics director
## 23	3	1	4			accountant
## 24	5	3	4			Commercial Real Estate
## 25	4	NaN	3			Manager at Pepsi
## 26	2	1	4			VP of
## 27	2	1	4			Beverage and Food Sales
## 28	3	1	5			Dentist
## 29	2	2	4			Electrical Engineer
## 30	5	2	5			Radio Telecommunications Manager
## 31	4	2	2			nan
## 32	5	2	4			deceased
## 33	5	NaN	5			Lawyer
## 34	4	3	4			landscaping
## 35	2	1	4			Vice President of a company
## 36	2	1	4			Owns his own promotional company

## 37	4	1	5	Optometrist
## 38	4	3	2	Construction
## 39	4	2	4	Biochemical Waste Elimination
## 40	3	1	5	Corporate Manager
## 41	4	1	4	Small business owner
## 42	4	1	2	Welder
## 43	3	NaN	4	Design Engineer
## 44	5	NaN	2	Unknown
## 45	5	1	4	Electrical Engineer
## 46	5	NaN	4	Banker
## 47	4	2	3	subcontractor
## 48	3	1	5	small business owner
## 49	4	1	4	House Appraiser
## 50	3	2	2	not sure
## 51	2	1	3	Fireman
## 52	5	1	2	President of Automotive company
## 53	4	1	3	UPS driver
## 54	3	NaN	2	HVAC Professional
## 55	5	1	4	Sergeant correctional officer
## 56	3	1	1	union worker
## 57	5	1	4	Salesman
## 58	2	1	2	Owns his business
## 59	5	2	4	Physical Therapist
## 60	5	NaN	4	Insurance
## 61	5	1	4	Construction management
## 62	4	2	2	Dead beat
## 63	2	1	2	police force
## 64	5	1	4	VP of GNC
## 65	4	1	2	Owner of New York Lunch
## 66	3	2	5	Dentist
## 67	3	NaN	2	mechanic
## 68	5	2	2	Truck Driver
## 69	4	1	5	Dentist
## 70	2	2	4	Sales Manager
## 71	5	2	4	Retired - Bus Driver
## 72	5	1	2	Transportation
## 73	4	2	NaN	Police Officer
## 74	3	1	4	Risk Manager
## 75	3	2	1	retire
## 76	5	1	4	car salesman
## 77	2	2	2	dairy farmer
## 78	1	2	2	Dairy Farmer
## 79	3	1	2	self employed
## 80	5	1	3	Contract negotiations
## 81	4	2	2	Police Officer
## 82	4	1	4	IT
## 83	4	1	4	Works for Kirila Fire
## 84	5	NaN	2	Realtor
## 85	5	1	4	Solar Engineering
## 86	3	3	5	Lawyer
## 87	4	2	2	Service Technition
## 88	3	1	4	engineer
## 89	5	1	2	handyman
## 90	5	1	4	cross-guard

## 91	3	1	2	Project manager
## 92	2	2	5	Teacher
## 93	1	3	2	Truck Driver
## 94	5	3	5	Senior Manager
## 95	5	1	4	information systems architect
## 96	4	1	4	Supervisor
## 97	4	2	2	Delivery Man For Fritolay
## 98	3	1	5	nan
## 99	5	2	4	Business Owner
## 100	3	NaN	3	business owner
## 101	5	2	2	Beacon Light
## 102	5	3	4	salesman
## 103	5	1	5	Mechanical Engineer
## 104	5	2	4	GE Salesman
## 105	4	NaN	4	Business Owner
## 106	4	2	4	Ford Plant employee
## 107	5	2	5	Clinical Researcher
## 108	4	1	3	Retired
## 109	2	1	4	Sales
## 110	2	3	5	School Library Media Specialist
## 111	3	2	4	Retired
## 112	3	2	2	nan
## 113	5	1	5	Mechanical Engineer
## 114	3	2	4	Teacher
## 115	4	2	5	Politician
## 116	2	1	5	Pharmaceutical
## 117	4	2	3	Business Man
## 118	4	NaN	2	His own business
## 119	4	2	2	HVAC technician
## 120	5	2	5	United Nations
## 121	4	2	4	Accountant
## 122	3	2	5	Doctor
## 123	5	2	5	CEO of company
## 124	2	1	3	Store manager at Giant Eagle
## 125	3	2	4	Journalist
##				fav_cuisine fav_cuisine_coded fav_food
## 1				Arabic cuisine 3 1
## 2				Italian 1 1
## 3				italian 1 3
## 4				Turkish 3 1
## 5				Italian 1 3
## 6				African 6 3
## 7				Thai 4 1
## 8				Anything american style. 5 1
## 9				Seafood 1 3
## 10				Italian 1 1
## 11				Orange chicken and chow mani noodles 4 1
## 12				Italian 1 1
## 13				Chinese 4 3
## 14				italian 1 1
## 15				Chinese 4 3
## 16				italian food 1 2
## 17				Jamaican 7 1
## 18				American or Italian 5 3



## 19	Chicken	5	3
## 20	Italian	1	1
## 21	Mexican	2	3
## 22	Indian	8	2
## 23	italian	1	1
## 24	Asian	4	1
## 25	Chinese	4	1
## 26	don't have one	0	3
## 27	Italian food	1	1
## 28	Mexican	2	1
## 29	Italian/German	1	1
## 30	Indian food - samosas are amazing	8	1
## 31	mexican	2	2
## 32	italian	1	1
## 33	Spanish	2	NaN
## 34	Italian	1	1
## 35	French	1	3
## 36	American or Italian	5	1
## 37	Italian or Chinese	1	3
## 38	Italian	1	1
## 39	italian	1	1
## 40	Mexican	2	1
## 41	Italian	1	1
## 42	Italian	1	1
## 43	Italian	1	1
## 44	chinese	4	3
## 45	Thai food	4	1
## 46	Greek	1	1
## 47	Italian	1	1
## 48	Italian	1	3
## 49	Asian	4	1
## 50	Italian	1	1
## 51	American	5	2
## 52	All	0	1
## 53	Mexican	2	1
## 54	Sub sandwiches	5	3
## 55	Italian	1	1
## 56	italian	1	1
## 57	Thai	4	1
## 58	Wraps	5	3
## 59	Mexican	2	1
## 60	Italian	1	3
## 61	Mexican	2	1
## 62	Mexican	2	2
## 63	Italian	1	1
## 64	Italian	1	1
## 65	Chinese cuisine (General Tso's)	4	3
## 66	Italian	1	3
## 67	American	5	1
## 68	Italian	1	1
## 69	Italian	1	1
## 70	Italian	1	1
## 71	Italian	1	1
## 72	Italian	1	1

## 73	Lean	0	2
## 74	Mexican	2	1
## 75	nan	0	2
## 76	italian	1	1
## 77	american	5	3
## 78	American	5	2
## 79	Japanese	4	1
## 80	Chinese	4	1
## 81	Italian	1	3
## 82	Italian	1	1
## 83	Italian	1	1
## 84	Any type of Colombian cuisine	2	1
## 85	Mexican cuisine	2	3
## 86	Asian	4	3
## 87	Chinese food	4	3
## 88	mac and cheese	5	2
## 89	Mexican	2	1
## 90	Authentic Chinese and Vietnamese food	4	1
## 91	italian and chinese	1	1
## 92	American	5	3
## 93	Barbecue	5	1
## 94	Italian	1	1
## 95	lebanese or greek	1	1
## 96	American	5	3
## 97	Italian	1	3
## 98	Italian	1	1
## 99	Italian	1	NaN
## 100	italian	1	1
## 101	Italian	1	1
## 102	sushi	4	3
## 103	Italian	1	3
## 104	Indian food	8	1
## 105	Italian	1	3
## 106	Italian	1	3
## 107	Nepali	4	1
## 108	I really love italian food and thai food	1	3
## 109	Italian	1	2
## 110	Italian	1	2
## 111	Italian	1	1
## 112	nan	0	1
## 113	Italian	1	3
## 114	Italian	1	1
## 115	Korean	4	3
## 116	I do not like cuisine	0	3
## 117	Chinese	4	2
## 118	Vietnamese cuisine	4	3
## 119	American	5	1
## 120	Indian	8	3
## 121	Italian	1	1
## 122	Mexican Food	2	1
## 123	Korean	4	1
## 124	Italian	1	3
## 125	HISPANIC CUISINE.	2	1
##			

food\_childhood

## 1	rice and chicken
## 2	chicken and biscuits, beef soup, baked beans
## 3	mac and cheese, pizza, tacos
## 4	Beef stroganoff, tacos, pizza
## 5	Pasta, chicken tender, pizza
## 6	Fries, plaintain & fried fish
## 7	grilled chicken, hamburgers
## 8	chicken, cheeseey potatoes, and hot dogs
## 9	Shrimp, spaghetti
## 10	Pasta, Eggs, Pancakes
## 11	Chicken
## 12	Scalloped potatoes and ham
## 13	Pizza, chicken wings, and corn on the cob
## 14	steak, lasagna, crab
## 15	Pizza
## 16	pizza
## 17	Curry, Stew Chicken and Saltfish
## 18	chicken fingers, steak, mac and cheese
## 19	Chicken
## 20	manacotti
## 21	pizza, chicken fingers
## 22	Pasta
## 23	pasta
## 24	Chicken Nuggets
## 25	Spaghetti
## 26	Chicken parm, beef stroganof, tacos
## 27	Chicken Parm, Pizza
## 28	Steak
## 29	Deer Steak, Buttered Pasta, Garlic Pasta
## 30	Crab legs, Mushroom soup, homemade rolls
## 31	french fries, waffles, chocolate
## 32	chicken and biscuits
## 33	Spaghetti, Chicken, Won Tons
## 34	Chicken Nuggets, Mac and Cheese, and pasta
## 35	hamburgers, chicken nuggets
## 36	chicken, pasta, stir fry
## 37	pizza, pasta, grilled cheese
## 38	Pasta
## 39	chicken parmesan
## 40	Chicken and steak
## 41	pizza, ice cream. pop tarts
## 42	Mac cheese
## 43	French Toast, Grilled Cheese, Orange Chicken
## 44	pickles, chinese food, pizza
## 45	Mac and Cheese, Hot Dogs, Grilled Cheese
## 46	Hamloaf, tuna fish salad, mac and cheese
## 47	chicken soup, perogies, & roast beef
## 48	lasagna, meatloaf, pizza
## 49	Tacos, Spaghetti, and Roast
## 50	mac and cheese, mashed potatoes, salmon
## 51	Pizza
## 52	Steak
## 53	Grilled chicken, pasta, and turkey
## 54	Chicken, Pizza, Cherry tomatoes

## 55	Chicken Alfredo
## 56	steak and cheesy potatoes
## 57	Meatloaf
## 58	Pizza pasta and quesadillas
## 59	Steak
## 60	Mac and cheese
## 61	lasagna
## 62	Chocolate
## 63	Pizza, Pasta, Chicken
## 64	chicken tenders, pasta, mac&cheese
## 65	chicken stir fry, spaghetti, chicken parmesan
## 66	Mac and Cheese, Chicken nuggets
## 67	Mac and cheese
## 68	Mac&Cheese, Chicken Nuggets
## 69	Pasta, pizza, meatballs
## 70	Steak, Garlic and butter noodles, schnitzle
## 71	Pizza and Spaghetti
## 72	Spaghetti
## 73	Pizza Mac n Cheese Pasta
## 74	Pizza
## 75	nan
## 76	salad, chicken, pizza
## 77	pizza, mashed potatoes, chocolate chip cookies
## 78	Pizza and wings
## 79	tacos, pizza, chicken wing dip
## 80	Sloppy joes
## 81	Spaghetti and Meatballs, Steak, and Burgers
## 82	chicken fingers, pasta, pizza
## 83	spaghetti and tacos
## 84	Spaghetti or chicken panini sandwich
## 85	Spaghetti and Pop-tarts
## 86	Pasta, breakfast for dinner, pizza
## 87	peanut butter and jelly, celery and peanut butter, hot pockets
## 88	pizza
## 89	Quesadilla, chocolate, steak
## 90	Jollof Rice, Bread, pasta
## 91	Chinese food, pizza, chicken adobo
## 92	Pasta, chicken, pizza
## 93	Steak, Chicken Tenders, Pizza
## 94	Spaghetti, Italian potato soup
## 95	steak, spaghetti, salmon
## 96	Macaroni and Cheese
## 97	Pizza
## 98	Chicken Parm, Spaghetti, and Grilled Cheese
## 99	Chicken parmigiana, wedding soup, pasta
## 100	chicken, macaroni & cheese, cheesy potatoes
## 101	Spaghetti, Tuna noodle casserole, Italian sausage
## 102	chicken nuggets, macaroni and cheese
## 103	Pizza
## 104	Tortellini and Broccoli with parmesan cheese and homemade breaded chicken with sweet potato
## 105	Chicken Marsala, Manicotti, Mashed Potatoes
## 106	hot dogs, chicken fingers, mashed potatoes
## 107	Chicken Biryani, Dad's burgers, Chicken curry
## 108	dino chicken nuggets

## 109					Spaghetti and chicken parm
## 110					Chicken parm.
## 111					Spaghetti
## 112					Pizza, Pita, Lasagna
## 113					Mac & Cheese, Chicken, Stir Fry
## 114					Mac and Cheese
## 115					Dumplings, Chicken Curry and Pizza
## 116					Pasta, Pizza, Popcorn
## 117					Fry Chicken, Rice Vegetable
## 118					Noodle, Wings, and Tiramisu
## 119					Chinese
## 120					pizza, burger, pasta
## 121					Stromboli Mac and Cheese and Pizza
## 122					Isombe , Plantains and Ugali
## 123					Rice and potato
## 124					pizza and spaghetti
## 125					rice, beans, and chicken / pizza/ tenders
##	fries	fruit_day	grade_level	greek_food	healthy_feeling
## 1	2	5	2	5	2
## 2	1	4	4	4	5
## 3	1	5	3	5	6
## 4	2	4	4	5	7
## 5	1	4	4	4	6
## 6	1	2	2	2	4
## 7	1	4	4	5	4
## 8	1	5	2	3	3
## 9	1	4	1	5	7
## 10	1	5	1	5	3
## 11	1	5	3	1	9
## 12	1	5	2	5	1
## 13	1	4	1	3	9
## 14	1	5	3	4	8
## 15	1	5	3	4	2
## 16	1	3	1	1	6
## 17	1	5	1	2	7
## 18	1	3	1	3	8
## 19	1	5	2	3	6
## 20	1	2	1	3	4
## 21	1	2	2	2	5
## 22	1	3	4	5	8
## 23	2	4	1	4	2
## 24	1	3	3	2	4
## 25	1	4	3	5	5
## 26	1	4	1	3	8
## 27	1	3	2	1	9
## 28	1	5	1	3	9
## 29	1	3	3	1	4
## 30	1	5	3	3	9
## 31	1	3	4	2	7
## 32	1	5	2	5	5
## 33	1	4	4	5	5
## 34	1	3	1	5	7
## 35	1	5	1	3	1
## 36	1	5	3	3	2

## 37	1	5	2	3	7
## 38	1	3	4	5	4
## 39	1	4	4	3	6
## 40	1	5	4	1	3
## 41	1	3	1	5	10
## 42	1	5	2	5	6
## 43	1	5	2	5	6
## 44	1	4	3	5	6
## 45	1	5	4	5	8
## 46	1	5	2	5	3
## 47	1	4	1	4	4
## 48	1	5	1	3	8
## 49	1	5	2	4	2
## 50	1	3	3	4	9
## 51	1	4	3	1	8
## 52	1	5	2	5	8
## 53	1	5	2	5	1
## 54	1	4	4	4	5
## 55	2	5	2	5	10
## 56	1	4	1	3	8
## 57	1	5	4	4	1
## 58	2	4	2	5	9
## 59	2	5	3	5	4
## 60	1	5	4	5	7
## 61	1	5	1	4	3
## 62	2	3	4	3	2
## 63	1	4	4	3	2
## 64	1	5	3	4	8
## 65	1	5	2	4	3
## 66	1	3	2	3	3
## 67	1	5	1	4	3
## 68	1	5	2	2	2
## 69	1	5	1	3	8
## 70	1	3	3	1	3
## 71	2	5	3	5	3
## 72	2	5	3	3	5
## 73	1	5	1	2	3
## 74	1	3	2	3	1
## 75	1	4	3	3	8
## 76	1	5	1	3	6
## 77	1	4	4	2	4
## 78	1	3	4	1	4
## 79	2	5	2	4	8
## 80	1	5	1	5	1
## 81	1	3	1	3	4
## 82	1	4	4	4	2
## 83	1	3	3	3	8
## 84	1	4	1	5	4
## 85	1	5	2	5	9
## 86	1	5	1	4	7
## 87	1	5	1	4	3
## 88	1	4	2	1	5
## 89	1	4	3	5	7
## 90	2	5	3	4	7

## 91	1	5	1	4	7
## 92	1	2	3	1	5
## 93	1	1	3	1	8
## 94	1	4	1	4	6
## 95	1	5	4	5	7
## 96	1	4	3	4	10
## 97	1	3	1	3	2
## 98	1	5	2	2	1
## 99	1	5	4	5	8
## 100	1	5	1	3	3
## 101	1	5	1	5	2
## 102	1	5	1	5	3
## 103	1	5	2	2	7
## 104	1	5	3	3	4
## 105	1	4	1	3	9
## 106	1	3	4	5	2
## 107	1	5	1	5	7
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## 111	1	3	4	4	8
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## 113	1	5	4	5	10
## 114	1	4	4	3	9
## 115	1	4	2	3	7
## 116	1	5	1	1	10
## 117	1	5	1	1	5
## 118	1	3	2	2	9
## 119	1	5	2	3	5
## 120	1	5	4	5	7
## 121	1	5	4	5	5
## 122	1	4	4	1	5
## 123	1	4	3	5	6
## 124	1	5	1	1	1
## 125	1	3	3	2	3

##

## 1

## 2

Grains, Veggies, (more of grains)

## 3

us

## 4

## 5

A lean protein such as grilled chicken, g

## 6

## 7

## 8

A healthy meal has a

## 9

## 10

## 11

## 12

## 13

A s

## 14

Lots of vegetables with some grains

## 15

## 16

## 17

Not too much carb

## 18

for me usually a big piece of chicken or steak with a side

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## 72

A healthy meal is a lean meat with most

who  
4-6 ounce

a lean p

a s  
Grilled

It is probably more on the green side and there is less fried or overly seasoned food. There would

A meal that you have co  
good balance between meats, g  
one

Grilled

the dif  
Low

Half the plate fruit and vegetables

Meal prep'd f

Milk f

Well portioned meat, veggies, a

A balance



## 73  
 ## 74  
 ## 75  
 ## 76  
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 ## 79  
 ## 80  
 ## 81  
 ## 82  
 ## 83  
 ## 84  
 ## 85 Mostly vegetables and pl  
 ## 86  
 ## 87 Sma  
 ## 88  
 ## 89  
 ## 90 Healthy meal for me is a f  
 ## 91 half a plate of protein, quarter of a p  
 ## 92 Very colorful and smaller portions of  
 ## 93  
 ## 94  
 ## 95 steak or salm  
 ## 96  
 ## 97  
 ## 98 It combines a protein with other elements of the diet such  
 ## 99 Well b  
 ## 100  
 ## 101  
 ## 102 More vegeta  
 ## 103  
 ## 104 Salmon, sweet potato, and larger portion, but equally spread  
 ## 105 Vegetables, white meat, and  
 ## 106 I think a healthy meals includes some kind of protein, preferably m  
 ## 107 A healthy meal constitutes of balance  
 ## 108  
 ## 109  
 ## 110 Salad with  
 ## 111  
 ## 112  
 ## 113 A pice of meat such as  
 ## 114  
 ## 115  
 ## 116  
 ## 117 BBQ Chicken with mash sweat potato  
 ## 118  
 ## 119  
 ## 120 A diet that is well  
 ## 121  
 ## 122 A healthy meal is a variety of food , organic food that gives you the nutrients such as protein  
 ## 123  
 ## 124 A protein, a f  
 ## 125  
 ##

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## 43

## 44 My ideal diet involves organic foods, more nuts, fruits, veggies and water and a complete absence

## 45  
## 46  
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## 106  
## 107  
## 108

I would like

My ideal die

```

## 109
## 110
## 111
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## 121
## 122
## 123
## 124
## 125
##      ideal_diet_coded income indian_food italian_food life_rewarding
## 1           8         5           5           5           1
## 2           3         4           4           4           1
## 3           6         6           5           5           7
## 4           2         6           5           5           2
## 5           2         6           2           5           1
## 6           2         1           5           5           4
## 7           2         4           5           5           8
## 8           2         5           1           3           3
## 9           6         5           5           5           8
## 10          2         4           4           5           3
## 11          7         3           1           5           8
## 12          2         5           5           5           1
## 13          1         5           3           4           9
## 14          2         5           3           5          10
## 15          1         5           2           3           1
## 16          2         4           1           5          NaN
## 17          2         1           5           3           9
## 18          1         6           3           5           7
## 19          2         5           1           5           9
## 20          3         5           2           5           7
## 21          1         6           1           4           2
## 22          7         6           5           5           7
## 23          2         6           5           5           5
## 24          1         4           4           5           5
## 25          2         4           3           5           2
## 26          2         6           3           3           5
## 27          5         5           1           5           9
## 28          6         6           3           4           9
## 29          7         5           1           5           3
## 30          7         5           5           5          10
## 31          2         5           3           4           8
## 32          1         4           4           5           3
## 33          7         5           5           5           8
## 34          2         3           2           5           3
## 35          7         6           1           5           3
## 36          6         4           1           5           3

```

## 37	5	6	2	5	7
## 38	2	6	3	5	2
## 39	2	5	3	5	8
## 40	2	6	3	4	5
## 41	2	6	3	5	8
## 42	3	3	3	5	4
## 43	1	6	4	5	7
## 44	2	3	5	5	8
## 45	7	5	5	5	10
## 46	6	6	5	5	3
## 47	5	4	3	5	4
## 48	7	6	2	4	9
## 49	7	5	4	5	3
## 50	2	3	4	5	9
## 51	4	1	1	3	8
## 52	5	6	5	5	8
## 53	3	5	3	5	5
## 54	3	3	2	5	1
## 55	7	6	4	5	10
## 56	5	3	2	5	8
## 57	2	6	5	5	1
## 58	2	5	2	5	10
## 59	6	5	5	5	1
## 60	1	6	5	5	10
## 61	6	6	1	5	5
## 62	2	4	2	4	5
## 63	7	6	2	5	1
## 64	6	5	4	4	8
## 65	5	2	3	5	1
## 66	6	6	1	5	3
## 67	5	4	3	5	3
## 68	7	5	2	4	2
## 69	3	6	2	5	8
## 70	4	6	1	5	3
## 71	1	3	5	5	2
## 72	3	5	4	5	2
## 73	7	5	3	5	2
## 74	3	6	1	5	2
## 75	8	3	3	3	10
## 76	2	5	4	5	9
## 77	3	3	1	5	4
## 78	7	3	1	4	5
## 79	3	5	3	4	8
## 80	8	6	4	5	3
## 81	2	4	3	5	1
## 82	3	4	4	5	2
## 83	2	3	3	5	7
## 84	5	1	5	5	1
## 85	5	5	5	5	9
## 86	5	6	2	5	7
## 87	5	6	4	5	1
## 88	2	6	1	5	4
## 89	6	2	5	5	1
## 90	2	3	5	5	1

## 91	4	6	3	5	8
## 92	2	6	1	4	2
## 93	3	3	1	5	1
## 94	2	4	5	5	6
## 95	7	6	5	5	6
## 96	6	5	3	5	10
## 97	2	6	3	5	8
## 98	2	5	2	5	1
## 99	3	6	5	5	1
## 100	4	4	1	5	2
## 101	4	2	5	5	1
## 102	2	5	4	5	3
## 103	3	NaN	1	5	7
## 104	2	4	5	5	8
## 105	2	5	3	5	3
## 106	5	4	3	5	1
## 107	1	1	5	5	6
## 108	2	4	3	5	4
## 109	1	6	5	5	5
## 110	2	6	1	5	1
## 111	2	3	3	5	9
## 112	2	5	1	3	7
## 113	4	6	5	5	9
## 114	7	6	2	5	1
## 115	2	3	5	4	7
## 116	3	6	1	4	10
## 117	5	1	3	5	2
## 118	2	2	2	4	7
## 119	5	3	3	5	8
## 120	3	2	5	5	6
## 121	6	4	3	5	7
## 122	5	2	5	5	7
## 123	2	2	5	3	10
## 124	6	4	1	5	1
## 125	3	5	2	3	5
## marital_status					
## 1	1				
## 2	2				
## 3	2				
## 4	2				
## 5	1				
## 6	2				
## 7	1				
## 8	1				
## 9	2				
## 10	2				
## 11	1				
## 12	2				
## 13	2				
## 14	2				
## 15	1				
## 16	2				
## 17	2				
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## 19	2
## 20	1
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## 29	1
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## 32	1
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## 34	1
## 35	1
## 36	2
## 37	1
## 38	2
## 39	2
## 40	2
## 41	1
## 42	1
## 43	1
## 44	2
## 45	1
## 46	2
## 47	1
## 48	1
## 49	1
## 50	2
## 51	1
## 52	1
## 53	1
## 54	1
## 55	1
## 56	1
## 57	1
## 58	1
## 59	1
## 60	1
## 61	1
## 62	2
## 63	1
## 64	2
## 65	2
## 66	2
## 67	2
## 68	2
## 69	2
## 70	2
## 71	2
## 72	2

## 73	1
## 74	2
## 75	4
## 76	2
## 77	1
## 78	2
## 79	2
## 80	1
## 81	1
## 82	2
## 83	1
## 84	NaN
## 85	2
## 86	2
## 87	1
## 88	1
## 89	1
## 90	1
## 91	1
## 92	2
## 93	2
## 94	1
## 95	2
## 96	2
## 97	1
## 98	1
## 99	2
## 100	2
## 101	2
## 102	1
## 103	1
## 104	1
## 105	1
## 106	2
## 107	1
## 108	1
## 109	2
## 110	1
## 111	2
## 112	1
## 113	2
## 114	2
## 115	2
## 116	2
## 117	1
## 118	1
## 119	2
## 120	2
## 121	1
## 122	1
## 123	1
## 124	1
## 125	2
##	



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## 54

chicken and rice

Chicken

Anything they'd want. I'd ask them before hand what they want to eat

Grilled chicken or steak with vegetables

Garlic noodles and

Some

Steak

Steak, asparagus and potatoes

## 55  
## 56  
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## 84  
## 85 Stuffed chicken  
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## 102  
## 103  
## 104 Spaghetti and pasta, seasoned salmon with steamed or boiled broccoli,  
## 105  
## 106 Chicken rice and  
## 107 Marinated nuts, prawn crackers, drink of their choice, mixed veggie crackers\nRice, chicken curry  
## 108

```

## 109
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## 120
## 121
## 122
## 123
## 124
## 125
##      mother_education      mother_profession
## 1              1              unemployed
## 2              4              Nurse RN
## 3              2              owns business
## 4              4      Special Education Teacher
## 5              5      Substance Abuse Conselor
## 6              1              Hair Braider
## 7              4              Journalist
## 8              2              cook
## 9              5      Elementary School Teacher
## 10             5      Pharmaceutical rep
## 11             4      Chidos Cleaners
## 12             4      Court Reporter
## 13             4      Child care provider
## 14             4      business owner
## 15             4      Charity worker
## 16             4      Librarian
## 17             2      Police
## 18             2      stay at home mom
## 19             3      Daycare provider
## 20             4      physical therapist
## 21             4      Teacher
## 22             2      House wife
## 23             4      Underwriter
## 24             2      Beautician
## 25             2      Unemployed
## 26             3      Medical biller
## 27             2      Doctors Billing Assiant
## 28             5      Dentist
## 29             4      Air Traffic Controller
## 30             5      Strategic Planning and Programs Manager
## 31             5      teacher
## 32             2      management
## 33             5      Lawyer
## 34             NaN      unemployed
## 35             4      stylist
## 36             4      Works in retail

```

## 37	2	Homemaker
## 38	3	Head of Human Resouces
## 39	4	Accountant
## 40	2	Marketing Analyst
## 41	4	Middle school teacher
## 42	3	Art teacher
## 43	4	Account Clerical
## 44	2	Caretaker
## 45	2	Secretary
## 46	4	Registered Nurse
## 47	4	telemarketer
## 48	5	nurse
## 49	4	Banker
## 50	4	Office assistant
## 51	2	Secretary
## 52	2	Stay home
## 53	2	Unemployed
## 54	5	Counseling, Teaching, Geologist, Psychic
## 55	5	Teacher
## 56	3	factory worker
## 57	4	Nurse
## 58	4	Sales
## 59	5	Elementary School Principal
## 60	4	Real Estate Agent
## 61	4	X-ray tech
## 62	4	Respiratory Therapist
## 63	2	Legal assistant
## 64	4	dietitian
## 65	2	CNA
## 66	NaN	Periodontist
## 67	4	business
## 68	3	Project Manager
## 69	5	school teacher
## 70	4	Homemaker
## 71	2	Stay-At-Home Mom
## 72	4	Social Services
## 73	4	Runs a Daycare
## 74	2	Customer Service
## 75	1	nan
## 76	4	RN
## 77	5	program director
## 78	5	Programs coordinator
## 79	2	self employed
## 80	2	none
## 81	4	Legal Secretary
## 82	4	secretary
## 83	4	works in Loans department in First National Bank
## 84	1	Janitor
## 85	3	Yoga Instructor
## 86	3	Nurse
## 87	4	Sales Manager at Business First
## 88	5	principal
## 89	NaN	home cleaner
## 90	2	A teacher

## 91	3	Secretary			
## 92	5	Teacher			
## 93	3	Customer Service Representative			
## 94	4	Stay at home mother			
## 95	4	teacher			
## 96	4	Treasurer			
## 97	5	Special Ed Teacher			
## 98	3	Accountant			
## 99	2	Homemaker			
## 100	4	certified accountant			
## 101	2	nothing			
## 102	4	social worker			
## 103	5	Secretary			
## 104	4	Respiratory Therapist			
## 105	3	Substitute Secretary			
## 106	3	Insurance Coordinator			
## 107	4	Supervisor			
## 108	3	Travel Agent			
## 109	3	Real Estate			
## 110	5	School Library Media Specialist			
## 111	4	Deceased			
## 112	2	nan			
## 113	5	Fourth Grade Teacher			
## 114	4	Accountant			
## 115	5	Works in WWF, world wild life fund			
## 116	5	Health teacher			
## 117	3	Business Woman			
## 118	2	Her own business			
## 119	2	Grievance coordinator of the SCI albion prison			
## 120	5	Banker			
## 121	3	Radiological Technician			
## 122	2	Public Health Advisor			
## 123	1	Real Estate manager			
## 124	2	Receptionist for a medical supply company			
## 125	3	House-wife			
##	nutritional_check	on_off_campus	parents_cook	pay_meal_out	persian_food
## 1	5	1	1	2	5
## 2	4	1	1	4	4
## 3	4	2	1	3	5
## 4	2	1	1	2	5
## 5	3	1	1	4	2
## 6	1	1	2	5	5
## 7	4	2	2	2	5
## 8	4	1	1	5	1
## 9	2	1	2	3	5
## 10	5	1	3	3	4
## 11	2	3	1	2	2
## 12	5	1	1	3	5
## 13	2	1	2	2	3
## 14	2	2	2	3	3
## 15	2	2	2	3	1
## 16	1	1	2	3	1
## 17	4	1	2	2	2
## 18	4	1	1	6	2

## 19	2	1	1	2	1
## 20	1	1	1	3	3
## 21	2	1	1	2	1
## 22	4	1	3	5	5
## 23	3	1	3	5	2
## 24	2	1	2	3	2
## 25	2	1	1	3	3
## 26	4	1	1	3	3
## 27	2	1	1	4	1
## 28	4	1	1	6	2
## 29	5	1	1	3	2
## 30	2	1	1	4	5
## 31	4	3	3	3	2
## 32	4	4	1	3	3
## 33	4	1	3	4	5
## 34	4	1	1	3	2
## 35	4	1	5	4	1
## 36	2	2	1	3	2
## 37	3	1	2	3	1
## 38	4	1	1	4	3
## 39	4	1	1	3	3
## 40	1	2	3	3	1
## 41	3	1	1	3	3
## 42	4	1	1	3	2
## 43	1	1	2	3	2
## 44	3	NaN	1	2	5
## 45	4	2	1	6	5
## 46	2	1	2	4	5
## 47	3	1	2	3	3
## 48	2	1	1	3	4
## 49	3	1	1	3	4
## 50	2	1	2	6	NaN
## 51	5	3	1	3	1
## 52	5	1	1	3	5
## 53	5	1	1	3	3
## 54	1	3	1	3	3
## 55	4	1	1	6	2
## 56	3	1	2	2	2
## 57	4	2	1	4	4
## 58	5	1	1	3	1
## 59	2	2	1	4	4
## 60	2	2	2	3	4
## 61	4	1	1	3	1
## 62	4	3	1	2	3
## 63	4	1	2	3	2
## 64	4	1	1	3	4
## 65	4	1	1	2	3
## 66	1	1	2	5	1
## 67	4	1	1	3	3
## 68	2	1	2	4	1
## 69	3	1	1	4	2
## 70	4	2	1	3	1
## 71	2	1	1	3	5
## 72	4	1	1	6	3

## 73	2	1	1	2	2
## 74	5	3	1	3	1
## 75	2	2	3	5	3
## 76	4	1	2	4	3
## 77	3	2	1	3	1
## 78	1	1	1	3	1
## 79	4	1	1	3	2
## 80	4	1	1	3	4
## 81	2	1	1	3	3
## 82	2	1	3	5	4
## 83	3	1	2	3	3
## 84	3	1	2	2	5
## 85	5	1	1	3	4
## 86	3	1	2	3	3
## 87	5	1	1	3	3
## 88	2	1	1	3	1
## 89	5	1	1	4	5
## 90	5	1	2	3	4
## 91	2	1	1	4	3
## 92	3	2	3	3	1
## 93	2	1	1	3	1
## 94	1	1	1	4	5
## 95	4	1	1	3	5
## 96	3	1	1	3	3
## 97	2	1	2	3	3
## 98	4	1	1	5	1
## 99	3	4	3	6	1
## 100	2	1	1	3	1
## 101	2	1	1	2	5
## 102	4	1	1	2	4
## 103	5	1	2	3	1
## 104	4	1	2	3	3
## 105	4	1	2	4	2
## 106	2	2	1	5	4
## 107	4	1	1	3	4
## 108	2	1	1	3	2
## 109	4	1	2	3	2
## 110	4	1	2	3	1
## 111	3	2	2	4	4
## 112	4	3	1	6	1
## 113	4	1	2	3	5
## 114	4	1	2	3	3
## 115	3	1	1	5	3
## 116	1	1	1	5	2
## 117	2	1	2	3	1
## 118	2	1	1	2	2
## 119	2	3	3	4	2
## 120	2	1	1	3	5
## 121	5	3	1	4	3
## 122	3	1	3	4	1
## 123	3	1	2	4	5
## 124	4	1	2	3	1
## 125	5	1	3	3	2
##	self_perception_weight	soup	sports	thai_food	tortilla_calories

## 1	3	1	1	1	1165
## 2	3	1	1	2	725
## 3	6	1	2	5	1165
## 4	5	1	2	5	725
## 5	4	1	1	4	940
## 6	5	1	2	4	940
## 7	4	1	1	5	940
## 8	3	1	2	1	725
## 9	4	2	2	5	725
## 10	3	1	1	4	580
## 11	1	1	1	2	940
## 12	2	1	1	5	940
## 13	5	2	1	3	940
## 14	3	1	1	5	1165
## 15	3	1	1	4	940
## 16	2	2	1	1	940
## 17	3	1	2	1	580
## 18	2	1	1	3	940
## 19	3	2	2	1	1165
## 20	4	1	NaN	3	940
## 21	6	1	1	1	1165
## 22	2	2	1	5	725
## 23	2	1	1	4	940
## 24	3	1	1	4	940
## 25	4	2	2	4	940
## 26	3	1	1	3	1165
## 27	2	2	1	2	1165
## 28	2	1	1	3	1165
## 29	3	1	2	1	940
## 30	2	1	2	5	580
## 31	3	2	1	3	940
## 32	4	2	2	4	940
## 33	4	1	1	5	580
## 34	3	1	2	1	1165
## 35	2	1	1	3	940
## 36	2	1	1	2	940
## 37	4	2	1	2	1165
## 38	4	1	1	5	940
## 39	4	1	1	2	1165
## 40	1	1	1	3	1165
## 41	2	1	1	3	940
## 42	6	1	2	4	940
## 43	3	1	2	4	940
## 44	NaN	2	2	5	940
## 45	3	1	1	5	725
## 46	1	1	2	5	940
## 47	3	1	1	3	725
## 48	2	1	1	1	940
## 49	1	2	1	4	940
## 50	1	2	2	4	1165
## 51	3	1	2	1	1165
## 52	2	1	1	5	1165
## 53	2	2	1	3	1165
## 54	4	1	2	1	940



## 55	2	1	1	4	940
## 56	3	1	1	3	940
## 57	2	1	1	5	1165
## 58	2	2	1	2	725
## 59	3	1	1	5	1165
## 60	3	2	1	5	1165
## 61	2	1	1	1	1165
## 62	2	2	2	2	725
## 63	2	1	1	2	1165
## 64	2	NaN	1	4	1165
## 65	4	2	1	3	940
## 66	2	1	2	4	725
## 67	2	1	1	3	940
## 68	2	1	1	2	940
## 69	3	1	1	4	725
## 70	3	2	2	5	1165
## 71	3	1	1	5	1165
## 72	4	1	1	4	1165
## 73	3	1	2	3	1165
## 74	3	1	1	2	1165
## 75	3	1	2	3	580
## 76	3	1	2	4	940
## 77	4	2	1	1	1165
## 78	3	2	1	2	725
## 79	3	1	1	3	580
## 80	2	1	1	5	1165
## 81	3	1	2	4	1165
## 82	4	2	1	4	725
## 83	3	1	1	3	580
## 84	3	1	1	5	940
## 85	2	1	1	5	725
## 86	3	1	2	3	580
## 87	4	1	1	4	580
## 88	4	1	1	1	1165
## 89	2	1	2	5	1165
## 90	3	1	2	5	1165
## 91	4	2	1	3	1165
## 92	3	1	2	1	725
## 93	4	1	1	1	1165
## 94	3	1	2	5	1165
## 95	3	1	1	5	940
## 96	2	2	1	4	1165
## 97	6	1	2	3	725
## 98	3	1	1	3	1165
## 99	4	1	1	5	1165
## 100	3	1	1	1	1165
## 101	2	1	1	5	NaN
## 102	5	1	2	3	1165
## 103	4	1	2	2	940
## 104	6	1	2	3	725
## 105	5	2	2	5	940
## 106	3	2	1	3	1165
## 107	4	1	2	4	580
## 108	4	1	2	5	1165

## 109	3	1	1	2	580
## 110	5	1	2	2	940
## 111	3	1	1	3	580
## 112	3	1	2	1	725
## 113	3	1	2	5	725
## 114	4	1	2	2	1165
## 115	1	1	1	5	940
## 116	2	1	1	1	1165
## 117	4	1	2	5	725
## 118	4	1	2	5	725
## 119	4	1	2	4	940
## 120	4	1	1	5	1165
## 121	4	1	1	5	940
## 122	4	1	NaN	4	940
## 123	4	1	2	5	580
## 124	2	2	2	1	940
## 125	3	1	2	2	725
##	turkey_calories				type_sports
## 1	345				car racing
## 2	690				Basketball
## 3	500				none
## 4	690				nan
## 5	500				Softball
## 6	345				None.
## 7	690				soccer
## 8	500				none
## 9	345				none
## 10	345				field hockey
## 11	345				soccer
## 12	500				Running
## 13	500				Soccer and basketball
## 14	850				intramural volleyball
## 15	500				Hockey
## 16	345				Hockey
## 17	345				nan
## 18	500				hockey
## 19	690				dancing
## 20	345				basketball
## 21	850				Soccer
## 22	500				Tennis
## 23	850				tennis soccer gym
## 24	690				Gaelic Football
## 25	500				none
## 26	690				Ice hockey
## 27	850				Hockey
## 28	500				Lacrosse
## 29	500				nan
## 30	500				nan
## 31	500				snowboarding
## 32	690				none organized
## 33	345				Soccer
## 34	500				nan
## 35	345				softball
## 36	690				Lacrosse

## 37	500	Softball
## 38	500	Dancing
## 39	690	Lacrosse
## 40	690	Hockey
## 41	500	wrestling
## 42	690	nan
## 43	500	nan
## 44	345	no particular engagement
## 45	500	Volleyball
## 46	500	none
## 47	345	soccer
## 48	345	wrestling & rowing
## 49	345	Wrestling
## 50	690	none
## 51	500	nan
## 52	500	Hockey
## 53	500	Lacrosse
## 54	500	nan
## 55	690	hockey
## 56	500	softball
## 57	500	Hockey
## 58	345	softball
## 59	690	Skiing
## 60	500	skiing
## 61	690	Water polo and running
## 62	500	nan
## 63	850	Ice Hockey
## 64	690	rowing
## 65	500	Volleyball
## 66	500	None
## 67	500	tennis
## 68	690	Recreational Basketball, Equestrian Team
## 69	500	soccer
## 70	690	None
## 71	500	Rec Volleyball
## 72	690	Softball
## 73	345	nan
## 74	850	baseball
## 75	345	nan
## 76	500	I danced in high school
## 77	690	horse back riding
## 78	345	Basketball
## 79	345	competitive skiing
## 80	850	Rowing, Running, and Cycling
## 81	500	nan
## 82	500	softball and basketball
## 83	345	wrestling
## 84	690	Marching Band
## 85	690	Collegiate Water Polo
## 86	500	None right now
## 87	500	volleyball, lacrosse
## 88	690	field hockey
## 89	850	nan
## 90	500	none

## 91	850		Fotball
## 92	500		crew
## 93	690	Football, Basketball, Volleyball, Golf	
## 94	690		nan
## 95	690	hockey, soccer, golf	
## 96	690		Wrestling
## 97	500		Soccer
## 98	500		Running
## 99	690		Tennis
## 100	690		softball
## 101	500	Volleyball, Track	
## 102	500		nan
## 103	500		nan
## 104	345	When I can, rarely though play pool, darts, and basketball.	
## 105	690		None at the moment
## 106	690		volleyball
## 107	500		None
## 108	690	I used to play softball	
## 109	345		Ice hockey
## 110	690		None
## 111	690		Volleyball
## 112	345		nan
## 113	500		nan
## 114	690		None
## 115	850	Tennis, Basketball	
## 116	690		Hockey
## 117	345		none
## 118	690	No, I don't play sport.	
## 119	345		None
## 120	690		Soccer
## 121	500		Softball
## 122	500		basketball
## 123	690		none
## 124	500		nan
## 125	345		nan
##	veggies_day	vitamins	waffle_calories
## 1	5	1	1315
## 2	4	2	900
## 3	5	1	900
## 4	3	1	1315
## 5	4	2	760
## 6	1	2	1315
## 7	4	1	1315
## 8	4	2	1315
## 9	3	2	760
## 10	5	1	900
## 11	5	2	900
## 12	5	1	900
## 13	3	2	575
## 14	5	2	1315
## 15	5	1	900
## 16	1	2	1315
## 17	5	1	760
## 18	4	2	900

  

				weight
				187
				155
			I'm not answering this.	
			Not sure,	240
				190
				190
				180
				137
				180
				125
				116
				110
				264
				123
				185
				180
				145
				170

## 19	5	1	1315	135
## 20	2	2	900	165
## 21	3	2	1315	175
## 22	2	2	900	195
## 23	3	1	1315	185
## 24	4	1	1315	185
## 25	4	2	1315	105
## 26	3	2	760	125
## 27	3	2	1315	160
## 28	5	1	1315	175
## 29	2	1	1315	180
## 30	4	1	760	167
## 31	5	1	1315	115
## 32	5	1	1315	205
## 33	5	1	760	nan
## 34	3	1	900	128
## 35	4	1	1315	150
## 36	5	2	760	150
## 37	5	2	900	150
## 38	4	2	1315	170
## 39	3	2	1315	150
## 40	3	2	1315	175
## 41	4	2	760	140
## 42	5	1	1315	120
## 43	4	2	900	135
## 44	4	1	900	100
## 45	5	1	760	170
## 46	5	2	900	113
## 47	4	2	900	168
## 48	5	2	900	145
## 49	5	1	760	155
## 50	3	2	900	150
## 51	5	2	760	169
## 52	4	1	1315	185
## 53	5	2	900	200
## 54	4	1	1315	265
## 55	5	1	900	165
## 56	4	2	900	192
## 57	5	1	1315	175
## 58	4	1	1315	140
## 59	5	1	1315	155
## 60	4	2	1315	155
## 61	5	1	1315	135
## 62	3	1	1315	118
## 63	4	1	1315	210
## 64	5	2	1315	180
## 65	5	1	760	140
## 66	3	2	900	112
## 67	5	1	900	125
## 68	5	2	1315	144 lbs
## 69	5	2	760	145
## 70	5	1	1315	130
## 71	5	1	1315	140
## 72	5	1	1315	140

## 73	5	1	1315	140
## 74	4	1	1315	200
## 75	4	2	760	nan
## 76	4	1	900	120
## 77	2	2	1315	150
## 78	2	2	900	200
## 79	4	1	1315	135
## 80	4	2	1315	145
## 81	2	1	900	130
## 82	2	2	900	190
## 83	3	2	575	170
## 84	4	2	1315	127
## 85	5	1	760	167
## 86	4	1	760	140
## 87	4	1	900	190
## 88	4	1	1315	155
## 89	4	1	1315	175
## 90	5	1	900	129
## 91	4	1	1315	260
## 92	1	2	900	135
## 93	4	2	900	190
## 94	5	2	1315	165
## 95	5	1	1315	175
## 96	4	2	1315	184
## 97	2	1	900	210
## 98	5	2	760	155
## 99	4	1	1315	185
## 100	5	1	900	165
## 101	5	2	900	125
## 102	5	2	1315	160
## 103	5	1	900	135
## 104	5	1	760	130
## 105	5	1	1315	230
## 106	2	2	1315	125
## 107	5	2	760	130
## 108	4	2	900	165
## 109	5	2	760	128
## 110	3	1	1315	200
## 111	3	2	900	160
## 112	3	2	1315	170
## 113	3	2	900	129
## 114	2	2	900	170
## 115	3	2	760	138
## 116	2	2	1315	150
## 117	5	1	1315	170
## 118	3	1	760	113
## 119	5	2	1315	140
## 120	5	2	1315	185
## 121	5	1	1315	156
## 122	5	2	1315	180
## 123	4	2	1315	120
## 124	3	1	1315	135
## 125	4	2	575	135

```
foodcode <- read.csv("food_coded.csv")
```

```
#Extract the first 95 rows
```

```
foodcode [1:95,]
```

##	GPA	Gender	breakfast	calories_chicken	calories_day	calories_scone
## 1	2.4	2	1	430	NaN	315
## 2	3.654	1	1	610	3	420
## 3	3.3	1	1	720	4	420
## 4	3.2	1	1	430	3	420
## 5	3.5	1	1	720	2	420
## 6	2.25	1	1	610	3	980
## 7	3.8	2	1	610	3	420
## 8	3.3	1	1	720	3	420
## 9	3.3	1	1	430	NaN	420
## 10	3.3	1	1	430	3	315
## 11	3.5	1	1	610	3	980
## 12	3.904	1	1	720	4	420
## 13	3.4	2	1	430	3	420
## 14	3.6	1	1	610	3	420
## 15	3.1	2	1	610	3	420
## 16	nan	2	2	430	NaN	980
## 17	4	1	1	265	3	420
## 18	3.6	2	1	430	3	980
## 19	3.4	1	1	720	3	980
## 20	2.2	2	1	430	2	420
## 21	3.3	2	1	610	3	980
## 22	3.87	2	1	610	3	315
## 23	3.7	2	1	610	3	420
## 24	3.7	2	2	610	3	420
## 25	3.9	1	1	720	2	420
## 26	2.8	1	2	720	3	420
## 27	3.7	2	1	610	2	420
## 28	3	2	1	610	4	980
## 29	3.2	2	1	610	2	420
## 30	3.5	2	1	265	2	420
## 31	4	1	1	720	3	420
## 32	4	2	1	610	3	420
## 33	3.4	2	1	610	3	315
## 34	2.8	1	1	720	3	420
## 35	3.65	1	1	610	3	420
## 36	3	1	1	610	2	420
## 37	3.7	1	1	610	3	420
## 38	3.4	1	1	720	4	420
## 39	3.89	1	1	610	3	980
## 40	3	2	1	720	NaN	980
## 41	3.4	2	1	430	3	315
## 42	2.9	1	1	720	4	980
## 43	3.6	1	1	610	3	420
## 44	3.5	1	1	430	2	980
## 45	3.2	1	1	610	4	420
## 46	3.605	1	1	610	3	315
## 47	3.8	2	1	430	2	420

## 48	2.8	2	1	430	NaN	980
## 49	3.5	2	2	430	NaN	315
## 50	3.83	2	1	430	3	315
## 51	3.6	2	1	720	3	420
## 52	3.3	2	1	610	4	980
## 53	3.3	2	1	610	4	420
## 54	3.292	2	1	610	NaN	980
## 55	3.5	2	1	610	3	420
## 56	3.35	1	2	610	2	315
## 57	3.8	2	1	720	4	315
## 58	2.8	1	1	610	4	980
## 59	3.5	1	1	610	3	420
## 60	3.7	1	1	610	NaN	420
## 61	3.6	1	1	610	4	420
## 62	Personal	1	1	610	2	980
## 63	3.9	2	1	610	4	980
## 64	2.6	1	1	610	4	980
## 65	3.5	1	1	610	3	420
## 66	3.2	1	1	610	NaN	315
## 67	3	1	1	720	3	420
## 68	3.6	1	1	610	2	420
## 69	3.2	1	1	430	3	315
## 70	3.67	1	2	720	4	420
## 71	3.73	1	1	610	3	980
## 72	4	1	1	720	NaN	420
## 73	3.1	2	2	610	3	980
## 74	3.79 bitch	2	1	720	4	420
## 75	2.71	2	2	265	2	420
## 76	3	1	1	610	3	420
## 77	3.7	1	2	610	3	420
## 78	3.1	2	2	265	2	420
## 79	3	1	1	720	3	420
## 80	3.9	2	1	720	3	420
## 81	3.4	1	1	430	2	420
## 82	3.5	1	2	610	3	420
## 83	3.7	1	1	265	NaN	315
## 84	3.7	1	1	430	3	420
## 85	3.83	1	1	720	3	420
## 86	2.6	1	1	265	3	315
## 87	3	1	1	610	3	420
## 88	3.2	2	1	720	3	420
## 89	3.5	2	2	720	4	980
## 90	3.2	1	1	610	3	420
## 91	3.68	2	1	720	4	420
## 92	3.8	1	2	610	2	420
## 93	3.3	2	2	720	NaN	420
## 94	3.2	2	1	720	NaN	420
## 95	3.75	2	1	610	3	420
##	coffee				comfort_food	
## 1	1				none	
## 2	2			chocolate, chips, ice cream		
## 3	2			frozen yogurt, pizza, fast food		
## 4	2			Pizza, Mac and cheese, ice cream		
## 5	2			Ice cream, chocolate, chips		



## 6	2	Candy, brownies and soda.
## 7	2	Chocolate, ice cream, french fries, pretzels
## 8	1	Ice cream, cheeseburgers, chips.
## 9	1	Donuts, ice cream, chips
## 10	2	Mac and cheese, chocolate, and pasta
## 11	2	Pasta, grandma homemade chocolate cake anything homemade
## 12	2	chocolate, pasta, soup, chips, popcorn
## 13	2	Cookies, popcorn, and chips
## 14	2	ice cream, cake, chocolate
## 15	2	Pizza, fruit, spaghetti, chicken and Potatoes
## 16	2	cookies, donuts, candy bars
## 17	1	Saltfish, Candy and Kit Kat
## 18	2	chips, cookies, ice cream
## 19	1	Chocolate, ice crea
## 20	2	pizza, wings, Chinese
## 21	2	Fast food, pizza, subs
## 22	1	chocolate, sweets, ice cream
## 23	1	burgers, chips, cookies
## 24	2	Chilli, soup, pot pie
## 25	2	Soup, pasta, brownies, cake
## 26	2	chocolate, ice cream/milkshake, cookies
## 27	1	Chips, ice cream, microwaveable foods
## 28	2	Chicken fingers, pizza
## 29	2	cookies, hot chocolate, beef jerky
## 30	2	Tomato soup, pizza, Fritos, Meatball sub, Dr. Pepper
## 31	2	cookies, mac-n-cheese, brownies, french fries,
## 32	2	chips and dip, pepsi,
## 33	2	Grandma's Chinese, Peruvian food from back home, and sushi
## 34	1	Ice cream, cookies, Chinese food, and chicken nuggets
## 35	2	french fries, chips, ice cream
## 36	2	mac n cheese, peanut butter and banana sandwich, omelet
## 37	2	pizza, doughnuts, mcdonalds
## 38	2	chocolate, chips, candy
## 39	2	chocolate, popcorn, ice cream
## 40	2	Candy\nPop\nChocolate \nChipotle \nMoe's
## 41	1	Pizza, Ice cream, fries, cereal, cookies
## 42	2	Ice cream, chocolate, twizzlers
## 43	2	ice cream, cookie dough, cookies, cheese
## 44	1	ice cream, cereal, and salt and vinegar chips
## 45	2	Potato chips, ice cream, chocolate, cookies
## 46	2	Mac and cheese, fried chicken, cornbread
## 47	1	popcorn, chips, candy, & fries
## 48	2	Chex-mix, Wegmans cookies, Cheez-Its
## 49	1	pizza, ice cream, chips
## 50	2	fried chicken. mashed potatoes, mac and cheese
## 51	2	Popcorn, Chex Mix, Pizza
## 52	1	Burger
## 53	2	Pizza, chocolate, and ice cream
## 54	2	fries, chips, fried chicken, pizza, grapes
## 55	2	peanut butter sandwich, pretzals, garlic bread
## 56	2	chips, dip, fries, pizza
## 57	2	Pizza, Ice Cream, Chicken Wings
## 58	2	Pizza chocolate chips bagels ice Capps
## 59	2	Chocolate, ice cream, pasta

```

## 60      2      Mac n Cheese. Chips and salsa. Ice cream.
## 61      2      peanut butter, dessets, pretzels.
## 62      2      Macaroons, truffles, peanut butter n chocolate ice cream
## 63      2      ice cream, cookies, ice cream
## 64      2      carrots and ranch, pretzels, dark chocolate
## 65      1      cookies, nutella, ice cream, coffee, fruit
## 66      2      mac and cheese
## 67      1      Chocolate, Popcorn, Icecream
## 68      1      Ice cream, cake, mozzarella sticks, pierogies
## 69      1      Chips, Mac and cheese, pizza, French fries
## 70      2      Pizza, burritos, slim jims
## 71      2      Broccoli, spaghetti squash, quinoa, and grilled chicken
## 72      2      Chocolate, ice cream, cookie dough
## 73      2      pizza, pretzels, fruit snacks, deli sandwhich
## 74      2      Chips, ice cream
## 75      1      nan
## 76      2      mac and cheese, potato soup, ice cream, chips and cheese
## 77      1      chocolate, pizza, and mashed potatoes
## 78      1      Pizza cookies steak
## 79      2      chocolate, fruit, and ice cream
## 80      2      Chips sweets popcorn
## 81      2      Cookies, burgers, chicken noodle soup, ice cream
## 82      1      cake, French fries, chicken nuggets
## 83      2      pizza, ice cream, cookies
## 84      2      Mashed potatoes, pasta
## 85      2      Pasta dishes, Cheesecake, Pancakes
## 86      2      Ice cream, pizza, cookies
## 87      2      Chinese food, moes, sponge candy, homemade lasagne
## 88      1      pizza, pasta, mac and cheese
## 89      2      Little Debbie snacks, donuts, pizza
## 90      2      carrots, plantain chips, almonds, popcorn
## 91      2      chips, ice cream, fruit snacks
## 92      2      Macaroni and cheese, chicken noodle soup, pizza
## 93      2      Chocolate, Chips, Ice cream, French Fires, Pizza
## 94      2      Mac and cheese, lasagna, Chinese food
## 95      2      candy, Chinese, mcdonalds

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##
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## 16
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## 17
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None, i don't eat c

I eat comfort food when im stressed out from school(finals week), when I`m sad, or when i

## 18 I usually only eat comfort food when I'm bored, if i am doing somet  
## 19  
## 20  
## 21  
## 22  
## 23  
## 24  
## 25  
## 26  
## 27  
## 28  
## 29  
## 30  
## 31  
## 32  
## 33  
## 34 boredom  
## 35  
## 36  
## 37  
## 38  
## 39  
## 40  
## 41  
## 42  
## 43  
## 44 All of the  
## 45  
## 46  
## 47  
## 48  
## 49 stress  
## 50 They taste better than other food. They  
## 51  
## 52  
## 53  
## 54  
## 55  
## 56  
## 57 I usually only eat comfort foods when I am bored. I will also eat them when I am happy to celebra  
## 58  
## 59  
## 60  
## 61  
## 62 I do not really eat "comfort food" but I guess s  
## 63  
## 64  
## 65  
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## 92  
## 93  
## 94  
## 95

Boredom, being in your

##	comfort_food_reasons_coded	cook	comfort_food_reasons_coded.1	cuisine
## 1	9	2	9	NaN
## 2	1	3	1	1
## 3	1	1	1	3
## 4	2	2	2	2
## 5	1	1	1	2
## 6	4	3	4	NaN
## 7	1	2	1	1
## 8	1	3	1	1
## 9	2	3	2	1
## 10	1	3	1	1
## 11	2	1	2	1
## 12	3	3	3	1
## 13	3	5	3	1
## 14	1	2	1	1
## 15	2	3	2	1
## 16	2	4	2	1
## 17	1	3	1	NaN
## 18	2	3	2	1
## 19	3	3	3	1
## 20	2	4	2	1
## 21	7	5	7	1
## 22	2	3	2	3
## 23	3	5	3	2
## 24	1	4	1	1
## 25	6	1	6	1
## 26	2	3	2	1
## 27	2	3	2	1
## 28	2	4	2	1
## 29	2	2	2	2

## 30	2	3	2	NaN
## 31	1	3	1	1
## 32	1	2	1	1
## 33	4	5	4	NaN
## 34	2	4	2	2
## 35	2	4	2	1
## 36	2	1	2	1
## 37	2	3	2	NaN
## 38	1	2	1	6
## 39	2	3	2	1
## 40	9	5	9	1
## 41	3	3	3	1
## 42	5	2	5	1
## 43	2	4	2	1
## 44	3	3	3	1
## 45	1	1	1	1
## 46	4	3	4	1
## 47	3	3	3	1
## 48	2	4	2	1
## 49	1	4	1	1
## 50	5	3	5	2
## 51	1	5	1	1
## 52	5	3	5	1
## 53	2	1	2	1
## 54	2	4	2	1
## 55	1	1	1	2
## 56	2	3	2	NaN
## 57	2	3	2	1
## 58	9	2	9	1
## 59	1	1	1	2
## 60	2	2	2	1
## 61	3	2	3	1
## 62	3	2	3	NaN
## 63	2	3	2	1
## 64	3	3	3	2
## 65	2	1	2	1
## 66	2	2	2	2
## 67	3	2	3	1
## 68	2	4	2	1
## 69	1	3	1	1
## 70	2	2	2	NaN
## 71	2	3	2	1
## 72	2	2	2	1
## 73	2	3	2	1
## 74	2	1	2	1
## 75	9	2	9	4
## 76	3	3	3	1
## 77	2	2	2	1
## 78	2	2	2	1
## 79	1	2	1	1
## 80	2	5	2	1
## 81	7	3	7	1
## 82	2	3	2	1
## 83	2	NaN	2	1

## 84	2	2	2	1
## 85	3	1	3	1
## 86	1	3	1	1
## 87	2	2	2	1
## 88	3	4	3	1
## 89	9	NaN	9	1
## 90	1	3	1	NaN
## 91	2	4	2	NaN
## 92	2	2	2	1
## 93	1	2	1	1
## 94	2	4	2	1
## 95	5	2	5	NaN

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## 1  
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## 41

I try

My current diet is eggs and a meat every morning for bre

I will eat a full bleakest every morning consist

## 42  
## 43  
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## 83  
## 84  
## 85

## 86 I try to eat something light for breakfast like cereal or an apple. For lunch I eat sandwiches or

## 87  
## 88  
## 89  
## 90  
## 91  
## 92  
## 93  
## 94  
## 95

At school I eat

My current diet

##	diet_current_coded	drink
## 1	1	1
## 2	2	2
## 3	3	1
## 4	2	2
## 5	2	2
## 6	2	2
## 7	3	1
## 8	1	2
## 9	1	1
## 10	1	1
## 11	1	2
## 12	1	1
## 13	1	2
## 14	2	2
## 15	1	2
## 16	2	2
## 17	1	1
## 18	3	2
## 19	1	1
## 20	2	2
## 21	2	2
## 22	2	NaN
## 23	1	1
## 24	1	1
## 25	1	2
## 26	1	1
## 27	1	1
## 28	1	2
## 29	2	1
## 30	2	2
## 31	1	1
## 32	2	2
## 33	2	2
## 34	2	1
## 35	2	1
## 36	3	1
## 37	2	2
## 38	2	2
## 39	1	1
## 40	2	2
## 41	3	2
## 42	4	1
## 43	2	2
## 44	2	1
## 45	1	1
## 46	1	1
## 47	2	2
## 48	2	1
## 49	2	2
## 50	2	1
## 51	1	1
## 52	4	1
## 53	3	1



## 54	4	2
## 55	1	1
## 56	2	2
## 57	1	1
## 58	1	1
## 59	3	2
## 60	3	2
## 61	1	2
## 62	1	1
## 63	1	1
## 64	1	NaN
## 65	1	1
## 66	2	1
## 67	1	2
## 68	2	2
## 69	1	2
## 70	2	2
## 71	1	1
## 72	1	1
## 73	2	2
## 74	2	2
## 75	4	2
## 76	1	1
## 77	2	2
## 78	2	2
## 79	3	1
## 80	2	2
## 81	2	2
## 82	2	2
## 83	4	2
## 84	2	1
## 85	1	2
## 86	3	2
## 87	1	2
## 88	2	2
## 89	2	2
## 90	2	1
## 91	1	2
## 92	2	2
## 93	2	2
## 94	2	2
## 95	1	2
##		
## 1		
## 2		
## 3		
## 4		
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## 11		

I cook a lot o

## 12  
## 13  
## 14  
## 15  
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## 17  
## 18  
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## 63  
## 64  
## 65

I would say i just ea

```

## 66
## 67
## 68
## 69
## 70 Freshman year I did not watch my diet at all and really let myself go. I ate pizza and fries for a
## 71
## 72
## 73
## 74
## 75
## 76
## 77
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## 83
## 84
## 85
## 86
## 87
## 88
## 89
## 90
## 91
## 92
## 93
## 94
## 95
##      eating_changes_coded eating_changes_coded1 eating_out employment ethnic_food
## 1             1             1             3             3             1
## 2             1             2             2             2             4
## 3             1             3             2             3             5
## 4             1             3             2             3             5
## 5             3             4             2             2             4
## 6             1             3             1             3             4
## 7             2             5             2             3             5
## 8             2             5             2             2             2
## 9             2             8             5             2             5
## 10            1             3             3             3             5
## 11            3             4             2             1             5
## 12            4             5             1             2             5
## 13            2             5             1             3             4
## 14            1             3             4             2             5
## 15            3             4             2             3             4
## 16            3             4             4             3             1
## 17            2             5             1             2             2
## 18            1             2             2             3             4
## 19            4             6             3             2             1
## 20            3             4             2             3             3
## 21            1             3             4             2             4
## 22            1             8             1             2             3
## 23            1             3             1             2             3

```

## 24	1	7	2	2	5
## 25	1	2	4	3	4
## 26	3	4	2	3	2
## 27	1	3	2	2	2
## 28	2	5	2	3	3
## 29	1	3	2	2	2
## 30	1	3	5	3	5
## 31	1	7	3	2	4
## 32	3	4	2	3	5
## 33	1	3	3	2	5
## 34	1	3	2	3	4
## 35	1	3	3	3	2
## 36	1	3	2	3	2
## 37	1	8	4	2	4
## 38	1	3	2	2	4
## 39	1	2	2	3	4
## 40	1	2	5	3	3
## 41	1	9	2	3	4
## 42	1	3	4	2	4
## 43	1	3	2	2	3
## 44	2	5	1	NaN	5
## 45	2	4	2	2	5
## 46	2	5	2	2	5
## 47	1	2	2	2	4
## 48	1	3	2	NaN	3
## 49	1	3	2	3	4
## 50	1	3	2	NaN	3
## 51	2	5	2	3	2
## 52	1	3	3	3	5
## 53	1	3	5	NaN	4
## 54	3	4	3	NaN	3
## 55	2	5	3	3	5
## 56	4	10	5	3	3
## 57	2	5	4	3	5
## 58	2	5	3	2	2
## 59	1	11	2	2	5
## 60	1	11	2	3	5
## 61	3	4	5	3	5
## 62	2	5	2	2	4
## 63	2	5	5	2	2
## 64	3	4	4	3	5
## 65	1	3	3	2	4
## 66	1	11	3	3	3
## 67	1	3	2	3	3
## 68	1	3	3	2	5
## 69	1	3	1	3	4
## 70	1	3	2	3	2
## 71	1	8	1	2	5
## 72	1	11	1	2	5
## 73	1	3	1	2	4
## 74	2	12	4	3	3
## 75	3	4	1	3	3
## 76	1	3	2	2	5
## 77	1	3	2	2	2

## 78		2	13	2	2	1
## 79		1	2	2	2	3
## 80		1	7	1	3	5
## 81		1	3	3	2	4
## 82		1	3	3	3	4
## 83		1	3	5	3	4
## 84		1	2	2	NaN	5
## 85		2	5	2	3	5
## 86		1	2	3	2	3
## 87		2	5	1	3	4
## 88		1	3	2	2	3
## 89		2	5	1	2	5
## 90		2	5	2	2	5
## 91		2	5	2	3	3
## 92		1	3	3	2	2
## 93		2	5	5	2	1
## 94		1	2	2	3	5
## 95		1	3	2	NaN	5
##	exercise	father_education		father_profession		
## 1	1	5		profesor		
## 2	1	2		Self employed		
## 3	2	2		owns business		
## 4	3	2		Mechanic		
## 5	1	4		IT		
## 6	2	1		Taxi Driver		
## 7	1	4		Assembler		
## 8	2	3		Business guy		
## 9	NaN	5		High School Principal		
## 10	1	5		commissioner of erie county		
## 11	1	2		Idk		
## 12	1	3		Home Marker		
## 13	3	3		Shirt designer		
## 14	2	2		business owner		
## 15	2	4		Commidity trader		
## 16	1	5		Hockey Coach		
## 17	2	1		Construction		
## 18	1	2		self employed construction		
## 19	3	5		Engineer		
## 20	2	5		architect		
## 21	1	5		CFO		
## 22	1	4		European logistics director		
## 23	1	4		accountant		
## 24	3	4		Commercial Real Estate		
## 25	NaN	3		Manager at Pepsi		
## 26	1	4		VP of		
## 27	1	4		Beverage and Food Sales		
## 28	1	5		Dentist		
## 29	2	4		Electrical Engineer		
## 30	2	5		Radio Telecommunications Manager		
## 31	2	2		nan		
## 32	2	4		deceased		
## 33	NaN	5		Lawyer		
## 34	3	4		landscaping		
## 35	1	4		Vice President of a company		

## 36	1	4	Owns his own promotional company
## 37	1	5	Optometrist
## 38	3	2	Construction
## 39	2	4	Biochemical Waste Elimination
## 40	1	5	Corporate Manager
## 41	1	4	Small business owner
## 42	1	2	Welder
## 43	NaN	4	Design Engineer
## 44	NaN	2	Unknown
## 45	1	4	Electrical Engineer
## 46	NaN	4	Banker
## 47	2	3	subcontractor
## 48	1	5	small business owner
## 49	1	4	House Appraiser
## 50	2	2	not sure
## 51	1	3	Fireman
## 52	1	2	President of Automotive company
## 53	1	3	UPS driver
## 54	NaN	2	HVAC Professional
## 55	1	4	Sergeant correctional officer
## 56	1	1	union worker
## 57	1	4	Salesman
## 58	1	2	Owns his business
## 59	2	4	Physical Therapist
## 60	NaN	4	Insurance
## 61	1	4	Construction management
## 62	2	2	Dead beat
## 63	1	2	police force
## 64	1	4	VP of GNC
## 65	1	2	Owner of New York Lunch
## 66	2	5	Dentist
## 67	NaN	2	mechanic
## 68	2	2	Truck Driver
## 69	1	5	Dentist
## 70	2	4	Sales Manager
## 71	2	4	Retired - Bus Driver
## 72	1	2	Transportation
## 73	2	NaN	Police Officer
## 74	1	4	Risk Manager
## 75	2	1	retire
## 76	1	4	car salesman
## 77	2	2	dairy farmer
## 78	2	2	Dairy Farmer
## 79	1	2	self employed
## 80	1	3	Contract negotiations
## 81	2	2	Police Officer
## 82	1	4	IT
## 83	1	4	Works for Kirila Fire
## 84	NaN	2	Realtor
## 85	1	4	Solar Engineering
## 86	3	5	Lawyer
## 87	2	2	Service Technition
## 88	1	4	engineer
## 89	1	2	handyman

## 90	1	4	cross-guard
## 91	1	2	Project manager
## 92	2	5	Teacher
## 93	3	2	Truck Driver
## 94	3	5	Senior Manager
## 95	1	4	information systems architect
##			fav_cuisine fav_cuisine_coded fav_food
## 1			Arabic cuisine 3 1
## 2			Italian 1 1
## 3			italian 1 3
## 4			Turkish 3 1
## 5			Italian 1 3
## 6			African 6 3
## 7			Thai 4 1
## 8			Anything american style. 5 1
## 9			Seafood 1 3
## 10			Italian 1 1
## 11	Orange chicken and chow mani		noodles 4 1
## 12			Italian 1 1
## 13			Chinese 4 3
## 14			italian 1 1
## 15			Chinese 4 3
## 16			italian food 1 2
## 17			Jamaican 7 1
## 18			American or Italian 5 3
## 19			Chicken 5 3
## 20			Italian 1 1
## 21			Mexican 2 3
## 22			Indian 8 2
## 23			italian 1 1
## 24			Asian 4 1
## 25			Chinese 4 1
## 26			don't have one 0 3
## 27			Italian food 1 1
## 28			Mexican 2 1
## 29			Italian/German 1 1
## 30	Indian food - samosas are amazing		8 1
## 31			mexican 2 2
## 32			italian 1 1
## 33			Spanish 2 NaN
## 34			Italian 1 1
## 35			French 1 3
## 36			American or Italian 5 1
## 37			Italian or Chinese 1 3
## 38			Italian 1 1
## 39			italian 1 1
## 40			Mexican 2 1
## 41			Italian 1 1
## 42			Italian 1 1
## 43			Italian 1 1
## 44			chinese 4 3
## 45			Thai food 4 1
## 46			Greek 1 1
## 47			Italian 1 1

## 48	Italian	1	3
## 49	Asian	4	1
## 50	Italian	1	1
## 51	American	5	2
## 52	All	0	1
## 53	Mexican	2	1
## 54	Sub sandwiches	5	3
## 55	Italian	1	1
## 56	italian	1	1
## 57	Thai	4	1
## 58	Wraps	5	3
## 59	Mexican	2	1
## 60	Italian	1	3
## 61	Mexican	2	1
## 62	Mexican	2	2
## 63	Italian	1	1
## 64	Italian	1	1
## 65	Chinese cuisine (General Tso's)	4	3
## 66	Italian	1	3
## 67	American	5	1
## 68	Italian	1	1
## 69	Italian	1	1
## 70	Italian	1	1
## 71	Italian	1	1
## 72	Italian	1	1
## 73	Lean	0	2
## 74	Mexican	2	1
## 75	nan	0	2
## 76	italian	1	1
## 77	american	5	3
## 78	American	5	2
## 79	Japanese	4	1
## 80	Chinese	4	1
## 81	Italian	1	3
## 82	Italian	1	1
## 83	Italian	1	1
## 84	Any type of Colombian cuisine	2	1
## 85	Mexican cuisine	2	3
## 86	Asian	4	3
## 87	Chinese food	4	3
## 88	mac and cheese	5	2
## 89	Mexican	2	1
## 90	Authentic Chinese and Vietnamese food	4	1
## 91	italian and chinese	1	1
## 92	American	5	3
## 93	Barbecue	5	1
## 94	Italian	1	1
## 95	lebanese or greek	1	1
##			
		food_childhood	fries
## 1		rice and chicken	2
## 2	chicken and biscuits, beef soup, baked beans		1
## 3	mac and cheese, pizza, tacos		1
## 4	Beef stroganoff, tacos, pizza		2
## 5	Pasta, chicken tender, pizza		1



## 6	Fries, plaintain & fried fish	1
## 7	grilled chicken, hamburgers	1
## 8	chicken, cheeseey potatoes, and hot dogs	1
## 9	Shrimp, spaghetti	1
## 10	Pasta, Eggs, Pancakes	1
## 11	Chicken	1
## 12	Scalloped potatoes and ham	1
## 13	Pizza, chicken wings, and corn on the cob	1
## 14	steak, lasagna, crab	1
## 15	Pizza	1
## 16	pizza	1
## 17	Curry, Stew Chicken and Saltfish	1
## 18	chicken fingers, steak, mac and cheese	1
## 19	Chicken	1
## 20	manacotti	1
## 21	pizza, chicken fingers	1
## 22	Pasta	1
## 23	pasta	2
## 24	Chicken Nuggets	1
## 25	Spaghetti	1
## 26	Chicken parm, beef stroganof, tacos	1
## 27	Chicken Parm, Pizza	1
## 28	Steak	1
## 29	Deer Steak, Buttered Pasta, Garlic Pasta	1
## 30	Crab legs, Mushroom soup, homemade rolls	1
## 31	french fries, waffles, chocolate	1
## 32	chicken and biscuits	1
## 33	Spaghetti, Chicken, Won Tons	1
## 34	Chicken Nuggets, Mac and Cheese, and pasta	1
## 35	hamburgers, chicken nuggets	1
## 36	chicken, pasta, stir fry	1
## 37	pizza, pasta, grilled cheese	1
## 38	Pasta	1
## 39	chicken parmesan	1
## 40	Chicken and steak	1
## 41	pizza, ice cream. pop tarts	1
## 42	Mac cheese	1
## 43	French Toast, Grilled Cheese, Orange Chicken	1
## 44	pickles, chinese food, pizza	1
## 45	Mac and Cheese, Hot Dogs, Grilled Cheese	1
## 46	Hamloaf, tuna fish salad, mac and cheese	1
## 47	chicken soup, perogies, & roast beef	1
## 48	lasagna, meatloaf, pizza	1
## 49	Tacos, Spaghetti, and Roast	1
## 50	mac and cheease, mashed potatoes, salmon	1
## 51	Pizza	1
## 52	Steak	1
## 53	Grilled chicken, pasta, and turkey	1
## 54	Chicken, Pizza, Cherry tomatoes	1
## 55	Chicken Alfredo	2
## 56	steak and cheesy potatoes	1
## 57	Meatloaf	1
## 58	Pizza pasta and quesadillas	2
## 59	Steak	2

## 60			Mac and cheese	1
## 61			lasagna	1
## 62			Chocolate	2
## 63			Pizza, Pasta, Chicken	1
## 64			chicken tenders, pasta, mac&cheese	1
## 65			chicken stir fry, spaghetti, chicken parmesan	1
## 66			Mac and Cheese, Chicken nuggets	1
## 67			Mac and cheese	1
## 68			Mac&Cheese, Chicken Nuggets	1
## 69			Pasta, pizza, meatballs	1
## 70			Steak, Garlic and butter noodles, schnitzle	1
## 71			Pizza and Spaghetti	2
## 72			Spaghetti	2
## 73			Pizza Mac n Cheese Pasta	1
## 74			Pizza	1
## 75			nan	1
## 76			salad, chicken, pizza	1
## 77			pizza, mashed potatoes, chocolate chip cookies	1
## 78			Pizza and wings	1
## 79			tacos, pizza, chicken wing dip	2
## 80			Sloppy joes	1
## 81			Spaghetti and Meatballs, Steak, and Burgers	1
## 82			chicken fingers, pasta, pizza	1
## 83			spaghetti and tacos	1
## 84			Spaghetti or chicken panini sandwich	1
## 85			Spaghetti and Pop-tarts	1
## 86			Pasta, breakfast for dinner, pizza	1
## 87			peanut butter and jelly, celery and peanut butter, hot pockets	1
## 88			pizza	1
## 89			Quesadilla, chocolate, steak	1
## 90			Jollof Rice, Bread, pasta	2
## 91			Chinese food, pizza, chicken adobo	1
## 92			Pasta, chicken, pizza	1
## 93			Steak, Chicken Tenders, Pizza	1
## 94			Spaghetti, Italian potato soup	1
## 95			steak, spaghetti, salmon	1
##	fruit_day	grade_level	greek_food	healthy_feeling
## 1	5	2	5	2
## 2	4	4	4	5
## 3	5	3	5	6
## 4	4	4	5	7
## 5	4	4	4	6
## 6	2	2	2	4
## 7	4	4	5	4
## 8	5	2	3	3
## 9	4	1	5	7
## 10	5	1	5	3
## 11	5	3	1	9
## 12	5	2	5	1
## 13	4	1	3	9
## 14	5	3	4	8
## 15	5	3	4	2
## 16	3	1	1	6
## 17	5	1	2	7

## 18	3	1	3	8
## 19	5	2	3	6
## 20	2	1	3	4
## 21	2	2	2	5
## 22	3	4	5	8
## 23	4	1	4	2
## 24	3	3	2	4
## 25	4	3	5	5
## 26	4	1	3	8
## 27	3	2	1	9
## 28	5	1	3	9
## 29	3	3	1	4
## 30	5	3	3	9
## 31	3	4	2	7
## 32	5	2	5	5
## 33	4	4	5	5
## 34	3	1	5	7
## 35	5	1	3	1
## 36	5	3	3	2
## 37	5	2	3	7
## 38	3	4	5	4
## 39	4	4	3	6
## 40	5	4	1	3
## 41	3	1	5	10
## 42	5	2	5	6
## 43	5	2	5	6
## 44	4	3	5	6
## 45	5	4	5	8
## 46	5	2	5	3
## 47	4	1	4	4
## 48	5	1	3	8
## 49	5	2	4	2
## 50	3	3	4	9
## 51	4	3	1	8
## 52	5	2	5	8
## 53	5	2	5	1
## 54	4	4	4	5
## 55	5	2	5	10
## 56	4	1	3	8
## 57	5	4	4	1
## 58	4	2	5	9
## 59	5	3	5	4
## 60	5	4	5	7
## 61	5	1	4	3
## 62	3	4	3	2
## 63	4	4	3	2
## 64	5	3	4	8
## 65	5	2	4	3
## 66	3	2	3	3
## 67	5	1	4	3
## 68	5	2	2	2
## 69	5	1	3	8
## 70	3	3	1	3
## 71	5	3	5	3

## 72	5	3	3	5
## 73	5	1	2	3
## 74	3	2	3	1
## 75	4	3	3	8
## 76	5	1	3	6
## 77	4	4	2	4
## 78	3	4	1	4
## 79	5	2	4	8
## 80	5	1	5	1
## 81	3	1	3	4
## 82	4	4	4	2
## 83	3	3	3	8
## 84	4	1	5	4
## 85	5	2	5	9
## 86	5	1	4	7
## 87	5	1	4	3
## 88	4	2	1	5
## 89	4	3	5	7
## 90	5	3	4	7
## 91	5	1	4	7
## 92	2	3	1	5
## 93	1	3	1	8
## 94	4	1	4	6
## 95	5	4	5	7

##

## 1

## 2

Grains, Veggies, (more of grains)

## 3

usu

## 4

## 5

A lean protein such as grilled chicken, g

## 6

## 7

## 8

A healthy meal has a

## 9

## 10

## 11

## 12

## 13

A s

## 14

Lots of vegetabls with some grains l

## 15

## 16

## 17

Not too much carbs

## 18

for me usually a big piece of chicken or steak with a side o

## 19

## 20

## 21

## 22

## 23

## 24

## 25

A healthy meal is a lean meat with most

## 26

g

## 27

## 28

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## 82  
## 83

G:  
who:  
4-6 ounce

a lean p

a sa.  
Grilled ch

It is probably more on the green side and there is less fried or overly seasoned food. There would

A meal that you have co  
good balance between meats, g  
one th

Grill

the diff  
Low

Half the plate fruit and vegetables.

Meal prep'd fo

Milk fo

Well portioned meat, veggies, an

A balance

a p

## 84  
## 85  
## 86  
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## 40  
## 41

Mostly vegetables and plenty

Small

Healthy meal for me is a food  
half a plate of protein, quarter of a plate  
Very colorful and smaller portions of the

steak or salmon

## 42  
## 43  
## 44 My ideal diet involves organic foods, more nuts, fruits, veggies and water and a complete absence  
## 45  
## 46  
## 47  
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## 93  
## 94  
## 95

##	ideal_diet_coded	income	indian_food	italian_food	life_rewarding
## 1	8	5	5	5	1
## 2	3	4	4	4	1
## 3	6	6	5	5	7
## 4	2	6	5	5	2
## 5	2	6	2	5	1
## 6	2	1	5	5	4
## 7	2	4	5	5	8
## 8	2	5	1	3	3
## 9	6	5	5	5	8
## 10	2	4	4	5	3
## 11	7	3	1	5	8
## 12	2	5	5	5	1
## 13	1	5	3	4	9
## 14	2	5	3	5	10
## 15	1	5	2	3	1
## 16	2	4	1	5	NaN
## 17	2	1	5	3	9
## 18	1	6	3	5	7
## 19	2	5	1	5	9
## 20	3	5	2	5	7
## 21	1	6	1	4	2
## 22	7	6	5	5	7
## 23	2	6	5	5	5
## 24	1	4	4	5	5
## 25	2	4	3	5	2
## 26	2	6	3	3	5
## 27	5	5	1	5	9
## 28	6	6	3	4	9
## 29	7	5	1	5	3
## 30	7	5	5	5	10
## 31	2	5	3	4	8
## 32	1	4	4	5	3
## 33	7	5	5	5	8
## 34	2	3	2	5	3
## 35	7	6	1	5	3
## 36	6	4	1	5	3
## 37	5	6	2	5	7
## 38	2	6	3	5	2
## 39	2	5	3	5	8
## 40	2	6	3	4	5
## 41	2	6	3	5	8
## 42	3	3	3	5	4
## 43	1	6	4	5	7
## 44	2	3	5	5	8
## 45	7	5	5	5	10
## 46	6	6	5	5	3
## 47	5	4	3	5	4
## 48	7	6	2	4	9
## 49	7	5	4	5	3
## 50	2	3	4	5	9
## 51	4	1	1	3	8
## 52	5	6	5	5	8
## 53	3	5	3	5	5



## 54	3	3	2	5	1
## 55	7	6	4	5	10
## 56	5	3	2	5	8
## 57	2	6	5	5	1
## 58	2	5	2	5	10
## 59	6	5	5	5	1
## 60	1	6	5	5	10
## 61	6	6	1	5	5
## 62	2	4	2	4	5
## 63	7	6	2	5	1
## 64	6	5	4	4	8
## 65	5	2	3	5	1
## 66	6	6	1	5	3
## 67	5	4	3	5	3
## 68	7	5	2	4	2
## 69	3	6	2	5	8
## 70	4	6	1	5	3
## 71	1	3	5	5	2
## 72	3	5	4	5	2
## 73	7	5	3	5	2
## 74	3	6	1	5	2
## 75	8	3	3	3	10
## 76	2	5	4	5	9
## 77	3	3	1	5	4
## 78	7	3	1	4	5
## 79	3	5	3	4	8
## 80	8	6	4	5	3
## 81	2	4	3	5	1
## 82	3	4	4	5	2
## 83	2	3	3	5	7
## 84	5	1	5	5	1
## 85	5	5	5	5	9
## 86	5	6	2	5	7
## 87	5	6	4	5	1
## 88	2	6	1	5	4
## 89	6	2	5	5	1
## 90	2	3	5	5	1
## 91	4	6	3	5	8
## 92	2	6	1	4	2
## 93	3	3	1	5	1
## 94	2	4	5	5	6
## 95	7	6	5	5	6
## marital_status					
## 1	1				
## 2	2				
## 3	2				
## 4	2				
## 5	1				
## 6	2				
## 7	1				
## 8	1				
## 9	2				
## 10	2				
## 11	1				

## 12	2
## 13	2
## 14	2
## 15	1
## 16	2
## 17	2
## 18	2
## 19	2
## 20	1
## 21	1
## 22	2
## 23	1
## 24	1
## 25	2
## 26	1
## 27	2
## 28	2
## 29	1
## 30	1
## 31	2
## 32	1
## 33	1
## 34	1
## 35	1
## 36	2
## 37	1
## 38	2
## 39	2
## 40	2
## 41	1
## 42	1
## 43	1
## 44	2
## 45	1
## 46	2
## 47	1
## 48	1
## 49	1
## 50	2
## 51	1
## 52	1
## 53	1
## 54	1
## 55	1
## 56	1
## 57	1
## 58	1
## 59	1
## 60	1
## 61	1
## 62	2
## 63	1
## 64	2
## 65	2

## 66	2	
## 67	2	
## 68	2	
## 69	2	
## 70	2	
## 71	2	
## 72	2	
## 73	1	
## 74	2	
## 75	4	
## 76	2	
## 77	1	
## 78	2	
## 79	2	
## 80	1	
## 81	1	
## 82	2	
## 83	1	
## 84	NaN	
## 85	2	
## 86	2	
## 87	1	
## 88	1	
## 89	1	
## 90	1	
## 91	1	
## 92	2	
## 93	2	
## 94	1	
## 95	2	
##		
## 1		
## 2		
## 3		chicken and rice with veggies, pasta, some k
## 4		Grilled chicken \nStuffed S
## 5		Chicken Parmesan, Pulled Pork, Spag
## 6		Anything they'd want. I'd ask them before hand what they want to eat and it depends on which type
## 7		Grilled c
## 8		ch
## 9		
## 10		
## 11		chicken al l
## 12		Chicken parm
## 13		(
## 14		
## 15		Pizza, chicken a
## 16		pizza l
## 17		Curry goat, sa
## 18		Grilled chicken or steak with veggies and rice. or some type c
## 19		Spagl
## 20		chi
## 21		
## 22		Meat, wi
## 23		

## 24	
## 25	Pasta, chicken
## 26	
## 27	
## 28	Steak
## 29	Garlic noodles and steak, Parmesan chicken and pasta
## 30	Tomato
## 31	pasta, chicken
## 32	
## 33	
## 34	Chicken
## 35	pasta
## 36	Some kind of pasta, a chicken dish
## 37	spaghetti or pasta, shrimp
## 38	Pasta
## 39	Chicken Parmesan, chicken
## 40	Steak and potatoes, burgers and fries
## 41	Pizza, Japanese
## 42	
## 43	Pancakes, Pasta, Grilled
## 44	
## 45	Steak, asparagus and potatoes, homemade chicken alfredo
## 46	Tacos, spaghetti
## 47	Spaghetti
## 48	lasagna, hamburger
## 49	
## 50	
## 51	
## 52	Steak
## 53	
## 54	Pizza
## 55	
## 56	mac n cheese
## 57	
## 58	chicken, pasta
## 59	steak
## 60	Steak and veggies. Chicken
## 61	Lasagna
## 62	I would
## 63	pasta
## 64	chicken and pasta, homemade
## 65	1. pasta 2. spaghetti
## 66	Lasagna
## 67	mac and cheese
## 68	Lasagna
## 69	pasta,
## 70	
## 71	Pizza, Italian, any
## 72	Spaghetti
## 73	
## 74	chipotle, chicken
## 75	rice
## 76	Chicken, steak
## 77	

##	78		S
##	79		mexican chicken, hibachi ch
##	80		Chicken and vegetabl
##	81		Salad,
##	82		steak, mashed p
##	83		
##	84		Spaghetti con Chorizo
##	85		Stuffed chicken breasts, spagetti carbonara, l
##	86		Pasta, breakf
##	87		Pizza, Chick
##	88		Past:
##	89		bur
##	90		Rice with vegetables, chick
##	91		any Chinese
##	92		P
##	93		Chick
##	94		Salmon, hamburger surprise
##	95		salmon, st
##	mother_education	mother_profession	
##	1	1	unemployed
##	2	4	Nurse RN
##	3	2	owns business
##	4	4	Special Education Teacher
##	5	5	Substance Abuse Conselor
##	6	1	Hair Braider
##	7	4	Journalist
##	8	2	cook
##	9	5	Elementary School Teacher
##	10	5	Pharmaceutical rep
##	11	4	Chidos Cleaners
##	12	4	Court Reporter
##	13	4	Child care provider
##	14	4	business owner
##	15	4	Charity worker
##	16	4	Librarian
##	17	2	Police
##	18	2	stay at home mom
##	19	3	Daycare provider
##	20	4	physical therapist
##	21	4	Teacher
##	22	2	House wife
##	23	4	Underwriter
##	24	2	Beautician
##	25	2	Unemployed
##	26	3	Medical biller
##	27	2	Doctors Billing Assiant
##	28	5	Dentist
##	29	4	Air Traffic Controllor
##	30	5	Strategic Planning and Programs Manager
##	31	5	teacher
##	32	2	management
##	33	5	Lawyer
##	34	NaN	unemployed
##	35	4	stylist

## 36	4	Works in retail
## 37	2	Homemaker
## 38	3	Head of Human Resouces
## 39	4	Accountant
## 40	2	Marketing Analyst
## 41	4	Middle school teacher
## 42	3	Art teacher
## 43	4	Account Clerical
## 44	2	Caretaker
## 45	2	Secretary
## 46	4	Registered Nurse
## 47	4	telemarketer
## 48	5	nurse
## 49	4	Banker
## 50	4	Office assistant
## 51	2	Secretary
## 52	2	Stay home
## 53	2	Unemployed
## 54	5	Counseling, Teaching, Geologist, Psychic
## 55	5	Teacher
## 56	3	factory worker
## 57	4	Nurse
## 58	4	Sales
## 59	5	Elementary School Principal
## 60	4	Real Estate Agent
## 61	4	X-ray tech
## 62	4	Respiratory Therapist
## 63	2	Legal assistant
## 64	4	dietitian
## 65	2	CNA
## 66	NaN	Periodontist
## 67	4	business
## 68	3	Project Manager
## 69	5	school teacher
## 70	4	Homemaker
## 71	2	Stay-At-Home Mom
## 72	4	Social Services
## 73	4	Runs a Daycare
## 74	2	Customer Service
## 75	1	nan
## 76	4	RN
## 77	5	program director
## 78	5	Programs coordinator
## 79	2	self employed
## 80	2	none
## 81	4	Legal Secretary
## 82	4	secretary
## 83	4	works in Loans department in First National Bank
## 84	1	Janitor
## 85	3	Yoga Instructor
## 86	3	Nurse
## 87	4	Sales Manager at Business First
## 88	5	principal
## 89	NaN	home cleaner

## 90	2				A teacher
## 91	3				Secretary
## 92	5				Teacher
## 93	3			Customer Service Representative	
## 94	4			Stay at home mother	
## 95	4			teacher	
##	nutritional_check	on_off_campus	parents_cook	pay_meal_out	persian_food
## 1	5	1	1	2	5
## 2	4	1	1	4	4
## 3	4	2	1	3	5
## 4	2	1	1	2	5
## 5	3	1	1	4	2
## 6	1	1	2	5	5
## 7	4	2	2	2	5
## 8	4	1	1	5	1
## 9	2	1	2	3	5
## 10	5	1	3	3	4
## 11	2	3	1	2	2
## 12	5	1	1	3	5
## 13	2	1	2	2	3
## 14	2	2	2	3	3
## 15	2	2	2	3	1
## 16	1	1	2	3	1
## 17	4	1	2	2	2
## 18	4	1	1	6	2
## 19	2	1	1	2	1
## 20	1	1	1	3	3
## 21	2	1	1	2	1
## 22	4	1	3	5	5
## 23	3	1	3	5	2
## 24	2	1	2	3	2
## 25	2	1	1	3	3
## 26	4	1	1	3	3
## 27	2	1	1	4	1
## 28	4	1	1	6	2
## 29	5	1	1	3	2
## 30	2	1	1	4	5
## 31	4	3	3	3	2
## 32	4	4	1	3	3
## 33	4	1	3	4	5
## 34	4	1	1	3	2
## 35	4	1	5	4	1
## 36	2	2	1	3	2
## 37	3	1	2	3	1
## 38	4	1	1	4	3
## 39	4	1	1	3	3
## 40	1	2	3	3	1
## 41	3	1	1	3	3
## 42	4	1	1	3	2
## 43	1	1	2	3	2
## 44	3	NaN	1	2	5
## 45	4	2	1	6	5
## 46	2	1	2	4	5
## 47	3	1	2	3	3

## 48	2	1	1	3	4
## 49	3	1	1	3	4
## 50	2	1	2	6	NaN
## 51	5	3	1	3	1
## 52	5	1	1	3	5
## 53	5	1	1	3	3
## 54	1	3	1	3	3
## 55	4	1	1	6	2
## 56	3	1	2	2	2
## 57	4	2	1	4	4
## 58	5	1	1	3	1
## 59	2	2	1	4	4
## 60	2	2	2	3	4
## 61	4	1	1	3	1
## 62	4	3	1	2	3
## 63	4	1	2	3	2
## 64	4	1	1	3	4
## 65	4	1	1	2	3
## 66	1	1	2	5	1
## 67	4	1	1	3	3
## 68	2	1	2	4	1
## 69	3	1	1	4	2
## 70	4	2	1	3	1
## 71	2	1	1	3	5
## 72	4	1	1	6	3
## 73	2	1	1	2	2
## 74	5	3	1	3	1
## 75	2	2	3	5	3
## 76	4	1	2	4	3
## 77	3	2	1	3	1
## 78	1	1	1	3	1
## 79	4	1	1	3	2
## 80	4	1	1	3	4
## 81	2	1	1	3	3
## 82	2	1	3	5	4
## 83	3	1	2	3	3
## 84	3	1	2	2	5
## 85	5	1	1	3	4
## 86	3	1	2	3	3
## 87	5	1	1	3	3
## 88	2	1	1	3	1
## 89	5	1	1	4	5
## 90	5	1	2	3	4
## 91	2	1	1	4	3
## 92	3	2	3	3	1
## 93	2	1	1	3	1
## 94	1	1	1	4	5
## 95	4	1	1	3	5
##	self_perception_weight	soup	sports	thai_food	tortilla_calories
## 1	3	1	1	1	1165
## 2	3	1	1	2	725
## 3	6	1	2	5	1165
## 4	5	1	2	5	725
## 5	4	1	1	4	940



## 6	5	1	2	4	940
## 7	4	1	1	5	940
## 8	3	1	2	1	725
## 9	4	2	2	5	725
## 10	3	1	1	4	580
## 11	1	1	1	2	940
## 12	2	1	1	5	940
## 13	5	2	1	3	940
## 14	3	1	1	5	1165
## 15	3	1	1	4	940
## 16	2	2	1	1	940
## 17	3	1	2	1	580
## 18	2	1	1	3	940
## 19	3	2	2	1	1165
## 20	4	1	NaN	3	940
## 21	6	1	1	1	1165
## 22	2	2	1	5	725
## 23	2	1	1	4	940
## 24	3	1	1	4	940
## 25	4	2	2	4	940
## 26	3	1	1	3	1165
## 27	2	2	1	2	1165
## 28	2	1	1	3	1165
## 29	3	1	2	1	940
## 30	2	1	2	5	580
## 31	3	2	1	3	940
## 32	4	2	2	4	940
## 33	4	1	1	5	580
## 34	3	1	2	1	1165
## 35	2	1	1	3	940
## 36	2	1	1	2	940
## 37	4	2	1	2	1165
## 38	4	1	1	5	940
## 39	4	1	1	2	1165
## 40	1	1	1	3	1165
## 41	2	1	1	3	940
## 42	6	1	2	4	940
## 43	3	1	2	4	940
## 44	NaN	2	2	5	940
## 45	3	1	1	5	725
## 46	1	1	2	5	940
## 47	3	1	1	3	725
## 48	2	1	1	1	940
## 49	1	2	1	4	940
## 50	1	2	2	4	1165
## 51	3	1	2	1	1165
## 52	2	1	1	5	1165
## 53	2	2	1	3	1165
## 54	4	1	2	1	940
## 55	2	1	1	4	940
## 56	3	1	1	3	940
## 57	2	1	1	5	1165
## 58	2	2	1	2	725
## 59	3	1	1	5	1165

## 60	3	2	1	5	1165
## 61	2	1	1	1	1165
## 62	2	2	2	2	725
## 63	2	1	1	2	1165
## 64	2	NaN	1	4	1165
## 65	4	2	1	3	940
## 66	2	1	2	4	725
## 67	2	1	1	3	940
## 68	2	1	1	2	940
## 69	3	1	1	4	725
## 70	3	2	2	5	1165
## 71	3	1	1	5	1165
## 72	4	1	1	4	1165
## 73	3	1	2	3	1165
## 74	3	1	1	2	1165
## 75	3	1	2	3	580
## 76	3	1	2	4	940
## 77	4	2	1	1	1165
## 78	3	2	1	2	725
## 79	3	1	1	3	580
## 80	2	1	1	5	1165
## 81	3	1	2	4	1165
## 82	4	2	1	4	725
## 83	3	1	1	3	580
## 84	3	1	1	5	940
## 85	2	1	1	5	725
## 86	3	1	2	3	580
## 87	4	1	1	4	580
## 88	4	1	1	1	1165
## 89	2	1	2	5	1165
## 90	3	1	2	5	1165
## 91	4	2	1	3	1165
## 92	3	1	2	1	725
## 93	4	1	1	1	1165
## 94	3	1	2	5	1165
## 95	3	1	1	5	940
##	turkey_calories			type_sports	veggies_day
## 1	345			car racing	5
## 2	690			Basketball	4
## 3	500			none	5
## 4	690			nan	3
## 5	500			Softball	4
## 6	345			None.	1
## 7	690			soccer	4
## 8	500			none	4
## 9	345			none	3
## 10	345			field hockey	5
## 11	345			soccer	5
## 12	500			Running	5
## 13	500			Soccer and basketball	3
## 14	850			intramural volleyball	5
## 15	500			Hockey	5
## 16	345			Hockey	1
## 17	345			nan	5

## 18	500	hockey	4
## 19	690	dancing	5
## 20	345	basketball	2
## 21	850	Soccer	3
## 22	500	Tennis	2
## 23	850	tennis soccer gym	3
## 24	690	Gaelic Football	4
## 25	500	none	4
## 26	690	Ice hockey	3
## 27	850	Hockey	3
## 28	500	Lacrosse	5
## 29	500	nan	2
## 30	500	nan	4
## 31	500	snowboarding	5
## 32	690	none organized	5
## 33	345	Soccer	5
## 34	500	nan	3
## 35	345	softball	4
## 36	690	Lacrosse	5
## 37	500	Softball	5
## 38	500	Dancing	4
## 39	690	Lacrosse	3
## 40	690	Hockey	3
## 41	500	wrestling	4
## 42	690	nan	5
## 43	500	nan	4
## 44	345	no particular engagement	4
## 45	500	Volleyball	5
## 46	500	none	5
## 47	345	soccer	4
## 48	345	wrestling & rowing	5
## 49	345	Wrestling	5
## 50	690	none	3
## 51	500	nan	5
## 52	500	Hockey	4
## 53	500	Lacrosse	5
## 54	500	nan	4
## 55	690	hockey	5
## 56	500	softball	4
## 57	500	Hockey	5
## 58	345	softball	4
## 59	690	Skiing	5
## 60	500	skiing	4
## 61	690	Water polo and running	5
## 62	500	nan	3
## 63	850	Ice Hockey	4
## 64	690	rowing	5
## 65	500	Volleyball	5
## 66	500	None	3
## 67	500	tennis	5
## 68	690	Recreational Basketball, Equestrian Team	5
## 69	500	soccer	5
## 70	690	None	5
## 71	500	Rec Volleyball	5

## 72	690	Softball	5
## 73	345	nan	5
## 74	850	baseball	4
## 75	345	nan	4
## 76	500	I danced in high school	4
## 77	690	horse back riding	2
## 78	345	Basketball	2
## 79	345	competitive skiing	4
## 80	850	Rowing, Running, and Cycling	4
## 81	500	nan	2
## 82	500	softball and basketball	2
## 83	345	wrestling	3
## 84	690	Marching Band	4
## 85	690	Collegiate Water Polo	5
## 86	500	None right now	4
## 87	500	volleyball, lacrosse	4
## 88	690	field hockey	4
## 89	850	nan	4
## 90	500	none	5
## 91	850	Fotball	4
## 92	500	crew	1
## 93	690	Football, Basketball, Volleyball, Golf	4
## 94	690	nan	5
## 95	690	hockey, soccer, golf	5
##	vitamins	waffle_calories	weight
## 1	1	1315	187
## 2	2	900	155
## 3	1	900	I'm not answering this.
## 4	1	1315	Not sure, 240
## 5	2	760	190
## 6	2	1315	190
## 7	1	1315	180
## 8	2	1315	137
## 9	2	760	180
## 10	1	900	125
## 11	2	900	116
## 12	1	900	110
## 13	2	575	264
## 14	2	1315	123
## 15	1	900	185
## 16	2	1315	180
## 17	1	760	145
## 18	2	900	170
## 19	1	1315	135
## 20	2	900	165
## 21	2	1315	175
## 22	2	900	195
## 23	1	1315	185
## 24	1	1315	185
## 25	2	1315	105
## 26	2	760	125
## 27	2	1315	160
## 28	1	1315	175
## 29	1	1315	180

## 30	1	760	167
## 31	1	1315	115
## 32	1	1315	205
## 33	1	760	nan
## 34	1	900	128
## 35	1	1315	150
## 36	2	760	150
## 37	2	900	150
## 38	2	1315	170
## 39	2	1315	150
## 40	2	1315	175
## 41	2	760	140
## 42	1	1315	120
## 43	2	900	135
## 44	1	900	100
## 45	1	760	170
## 46	2	900	113
## 47	2	900	168
## 48	2	900	145
## 49	1	760	155
## 50	2	900	150
## 51	2	760	169
## 52	1	1315	185
## 53	2	900	200
## 54	1	1315	265
## 55	1	900	165
## 56	2	900	192
## 57	1	1315	175
## 58	1	1315	140
## 59	1	1315	155
## 60	2	1315	155
## 61	1	1315	135
## 62	1	1315	118
## 63	1	1315	210
## 64	2	1315	180
## 65	1	760	140
## 66	2	900	112
## 67	1	900	125
## 68	2	1315	144 lbs
## 69	2	760	145
## 70	1	1315	130
## 71	1	1315	140
## 72	1	1315	140
## 73	1	1315	140
## 74	1	1315	200
## 75	2	760	nan
## 76	1	900	120
## 77	2	1315	150
## 78	2	900	200
## 79	1	1315	135
## 80	2	1315	145
## 81	1	900	130
## 82	2	900	190
## 83	2	575	170

```
## 84      2      1315      127
## 85      1      760      167
## 86      1      760      140
## 87      1      900      190
## 88      1     1315     155
## 89      1     1315     175
## 90      1      900     129
## 91      1     1315     260
## 92      2      900     135
## 93      2      900     190
## 94      2     1315     165
## 95      1     1315     175
```

```
foodcodeextraction <- foodcode [1:95,]
```

```
#Index of food- GPA, Calories_Chicken, Drink, Fav_Cuisine, Father_Profession, Mother_Profession
```

```
colnames(foodcode)
```

```
## [1] "GPA" "Gender"
## [3] "breakfast" "calories_chicken"
## [5] "calories_day" "calories_scone"
## [7] "coffee" "comfort_food"
## [9] "comfort_food_reasons" "comfort_food_reasons_coded"
## [11] "cook" "comfort_food_reasons_coded.1"
## [13] "cuisine" "diet_current"
## [15] "diet_current_coded" "drink"
## [17] "eating_changes" "eating_changes_coded"
## [19] "eating_changes_coded1" "eating_out"
## [21] "employment" "ethnic_food"
## [23] "exercise" "father_education"
## [25] "father_profession" "fav_cuisine"
## [27] "fav_cuisine_coded" "fav_food"
## [29] "food_childhood" "fries"
## [31] "fruit_day" "grade_level"
## [33] "greek_food" "healthy_feeling"
## [35] "healthy_meal" "ideal_diet"
## [37] "ideal_diet_coded" "income"
## [39] "indian_food" "italian_food"
## [41] "life_rewarding" "marital_status"
## [43] "meals_dinner_friend" "mother_education"
## [45] "mother_profession" "nutritional_check"
## [47] "on_off_campus" "parents_cook"
## [49] "pay_meal_out" "persian_food"
## [51] "self_perception_weight" "soup"
## [53] "sports" "thai_food"
## [55] "tortilla_calories" "turkey_calories"
## [57] "type_sports" "veggies_day"
## [59] "vitamins" "waffle_calories"
## [61] "weight"
```

```
indexoffood <- foodcodeextraction[,c(1, 4, 16, 26, 25, 45)]
head(indexoffood)
```

```
##      GPA calories_chicken drink      fav_cuisine father_profession
## 1    2.4           430      1 Arabic cuisine      profesor
```

```
## 2 3.654          610    2      Italian    Self employed
## 3   3.3          720    1      italian    owns business
## 4   3.2          430    2      Turkish      Mechanic
## 5   3.5          720    2      Italian      IT
## 6  2.25          610    2      African      Taxi Driver
##           mother_profession
## 1                unemployed
## 2                 Nurse RN
## 3                owns business
## 4 Special Education Teacher
## 5 Substance Abuse Conselor
## 6                 Hair Braider
```

```
#New Variable for Healthy Each Person Feels
foodcode$healthyfeeling
```

```
## NULL
```

```
foodcode.new <- foodcode
foodcode.new$health_feel_100 <- (foodcode$healthy_feeling)*10
head(foodcode.new$health_feel_100)
```

```
## [1] 20 50 60 70 60 40
```

```
#Filter to students who are female and have gpas that are above 3.0
```

```
#Filter to students who are female and have gpas that are above 3.0
class(foodcode.new)
```

```
## [1] "data.frame"
```

```
gpafemale <- foodcode.new[foodcode.new$Gender=="1" & foodcode.new$GPA > 3.0,]
```

```
## Warning in Ops.factor(foodcode.new$GPA, 3): '>' not meaningful for factors
```

```
#Find the Mean and Standard Deviation for Chicken, Tortilla, Turkey, Waffle
```

```
colnames(foodcode.new)
```

```
## [1] "GPA" "Gender"
## [3] "breakfast" "calories_chicken"
## [5] "calories_day" "calories_scone"
## [7] "coffee" "comfort_food"
## [9] "comfort_food_reasons" "comfort_food_reasons_coded"
## [11] "cook" "comfort_food_reasons_coded.1"
## [13] "cuisine" "diet_current"
## [15] "diet_current_coded" "drink"
## [17] "eating_changes" "eating_changes_coded"
## [19] "eating_changes_coded1" "eating_out"
## [21] "employment" "ethnic_food"
## [23] "exercise" "father_education"
## [25] "father_profession" "fav_cuisine"
## [27] "fav_cuisine_coded" "fav_food"
## [29] "food_childhood" "fries"
## [31] "fruit_day" "grade_level"
## [33] "greek_food" "healthy_feeling"
## [35] "healthy_meal" "ideal_diet"
## [37] "ideal_diet_coded" "income"
## [39] "indian_food" "italian_food"
```

```
## [41] "life_rewarding"          "marital_status"
## [43] "meals_dinner_friend"     "mother_education"
## [45] "mother_profession"       "nutritional_check"
## [47] "on_off_campus"           "parents_cook"
## [49] "pay_meal_out"            "persian_food"
## [51] "self_perception_weight"   "soup"
## [53] "sports"                  "thai_food"
## [55] "tortilla_calories"        "turkey_calories"
## [57] "type_sports"              "veggies_day"
## [59] "vitamins"                 "waffle_calories"
## [61] "weight"                   "health_feel_100"

indexoffood2 <- foodcode.new[,c(4, 55, 56, 60)]
colnames(indexoffood2)

## [1] "calories_chicken" "tortilla_calories" "turkey_calories"
## [4] "waffle_calories"

?sapply
mean2 <- sapply(indexoffood2, mean, na.rm = T) #find mean of indexed food
stdev <- sapply(indexoffood2, sd, na.rm = T) #find sd of indexed food
calories <- rbind(mean2, stdev)
head(calories)

##          calories_chicken tortilla_calories turkey_calories waffle_calories
## mean2          577.3200          947.5806          555.0400          1073.4000
## stdev           131.2142           202.0902           152.3704           248.6671

#Summarize gpa with weight within the gender and cuisine variables

foodcode$weight <- as.numeric(foodcode$weight)
foodcode$GPA <- as.numeric(foodcode$GPA)
foodcodewomen <- foodcode[foodcode$Gender == 1,]
foodcodemen <- foodcode[foodcode$Gender == 2,]
womenGPAmean <- tapply(foodcodewomen$GPA, foodcodewomen$cuisine, mean, na.rm=T)
menGPAmean <- tapply(foodcodemen$GPA, foodcodemen$cuisine, mean, na.rm=T)
womenGPAsd <- tapply(foodcodewomen$GPA, foodcodewomen$cuisine, sd, na.rm = T)
menGPAsd <- tapply(foodcodemen$GPA, foodcodemen$cuisine, sd, na.rm = T)
womenweightmean <- tapply(foodcodewomen$weight, foodcodewomen$cuisine, mean, na.rm = T)
menweightmean <- tapply(foodcodemen$weight, foodcodemen$cuisine, mean, na.rm = T)
womenweightsd <- tapply(foodcodewomen$weight, foodcodewomen$cuisine, sd, na.rm = T)
menweightsd <- tapply(foodcodemen$weight, foodcodemen$cuisine, sd, na.rm = T)

##Tidyverse
library(tidyverse)

## Warning: package 'tidyverse' was built under R version 3.6.2
## -- Attaching packages ----- tidyverse 1.3.1 --

## v ggplot2 3.3.5      v purrr 0.3.4
## v tibble 3.1.4       v dplyr 1.0.7
## v tidyr 1.1.3        v stringr 1.4.0
## v readr 2.0.1        v forcats 0.5.1

## Warning: package 'ggplot2' was built under R version 3.6.2
## Warning: package 'tibble' was built under R version 3.6.2
```



```

## Warning: package 'tidyr' was built under R version 3.6.2
## Warning: package 'readr' was built under R version 3.6.2
## Warning: package 'purrr' was built under R version 3.6.2
## Warning: package 'dplyr' was built under R version 3.6.2
## Warning: package 'forcats' was built under R version 3.6.2

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag() masks stats::lag()

read_csv("facebook-fact-check.csv")

## Rows: 2282 Columns: 12

## -- Column specification -----
## Delimiter: ","
## chr (6): Category, Page, Post URL, Post Type, Rating, Debate
## dbl (5): account_id, post_id, share_count, reaction_count, comment_count
## date (1): Date Published

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

## # A tibble: 2,282 x 12
##   account_id post_id Category Page `Post URL` `Date Published` `Post Type`
##   <dbl> <dbl> <chr> <chr> <chr> <date> <chr>
## 1 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 video
## 2 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 link
## 3 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 link
## 4 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 link
## 5 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 video
## 6 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 link
## 7 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 video
## 8 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 link
## 9 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 link
## 10 1.84e14 1.04e15 mainstream ABC N~ https://ww~ 2016-09-19 video
## # ... with 2,272 more rows, and 5 more variables: Rating <chr>, Debate <chr>,
## # share_count <dbl>, reaction_count <dbl>, comment_count <dbl>

facebookcode <- read_csv("facebook-fact-check.csv")

## Rows: 2282 Columns: 12

## -- Column specification -----
## Delimiter: ","
## chr (6): Category, Page, Post URL, Post Type, Rating, Debate
## dbl (5): account_id, post_id, share_count, reaction_count, comment_count
## date (1): Date Published

##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.

#Extract the Last 500 Rows

facebookcode %>% slice_tail(n = 500)

```

```
## # A tibble: 500 x 12
##   account_id post_id Category Page `Post URL` `Date Published` `Post Type`
##   <dbl> <dbl> <chr> <chr> <chr> <date> <chr>
## 1 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## 2 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## 3 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 link
## 4 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## 5 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## 6 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## 7 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 link
## 8 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## 9 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## 10 62317591679 1.02e16 mainstream Politico https://w~ 2016-09-26 video
## # ... with 490 more rows, and 5 more variables: Rating <chr>, Debate <chr>,
## # share_count <dbl>, reaction_count <dbl>, comment_count <dbl>
```

```
row_odd <- seq_len(nrow(facebookcode)) %% 2
datarowodd <- facebookcode[row_odd == 1, ]
colnames(datarowodd)
```

```
## [1] "account_id" "post_id" "Category" "Page"
## [5] "Post URL" "Date Published" "Post Type" "Rating"
## [9] "Debate" "share_count" "reaction_count" "comment_count"
```

*#Create New Variable Using Mutate and Renames*

```
facebookcode <- facebookcode %>%
  mutate(post_type_coded = ifelse("Post Type" == 'link', '1',
                                   ifelse("Post Type" == 'photo', '2',
                                           ifelse("Post Type" == 'text', '3', '4'))))
```

*#Arrange Page Names in Reverse Order*

```
facebookcode %>% arrange(desc(Page))
```

```
## # A tibble: 2,282 x 13
##   account_id post_id Category Page `Post URL` `Date Published` `Post Type`
##   <dbl> <dbl> <chr> <chr> <chr> <date> <chr>
## 1 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 photo
## 2 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 video
## 3 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 link
## 4 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 link
## 5 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 link
## 6 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 video
## 7 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 video
## 8 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 link
## 9 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 link
## 10 1.15e14 1.46e15 left The Other 98% https://w~ 2016-09-19 video
## # ... with 2,272 more rows, and 6 more variables: Rating <chr>, Debate <chr>,
## # share_count <dbl>, reaction_count <dbl>, comment_count <dbl>,
## # post_type_coded <chr>
```

*#Find the Mean and Standard Deviation of: share\_count, reaction\_count, comment\_count*

```
facebookcode %>%
  summarize(share_count = mean(share_count, na.rm=T),
```

```

    reaction_count = mean(reaction_count, na.rm=T),
    comment_count = mean(comment_count, na.rm=T))

## # A tibble: 1 x 3
##   share_count reaction_count comment_count
##   <dbl>         <dbl>         <dbl>
## 1      4045.         5364.         516.

facebookcode %>%
  filter(Category == "mainstream") %>%
  summarize(across(c(share_count, reaction_count, comment_count),
    list(mean = mean, sd = sd), na.rm = T))

## # A tibble: 1 x 6
##   share_count_mean share_count_sd reaction_count_mean reaction_count_sd
##   <dbl>         <dbl>         <dbl>         <dbl>
## 1      161.         940.         694.         1864.
## # ... with 2 more variables: comment_count_mean <dbl>, comment_count_sd <dbl>

```