

Excercise 5 - PS811

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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					
## 11	2					
## 12	2					
## 13	2					
## 14	2					
## 15	2					
## 16	2					
## 17	1					
## 18	2					

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

## 73	2
## 74	2
## 75	1
## 76	2
## 77	1
## 78	1
## 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, toas
## 110                                Mac in cheese, pizza, mozzarella sticks
## 111                                Ice-cream, pizza, chocolat
## 112                                snacks, chips,
## 113                                Chocolate, Ice cream, pizz
## 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, Pizz
## 125                                Chocolates, pizza, and Ritz
##
## 1
## 2
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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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## 18                                I usually only eat comfort food when I'm bored, if i am doing some
## 19
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## 33
## 34                                bored
## 35
## 36

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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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## 124
## 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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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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86 I try to eat something light for breakfast like cereal or an apple. For lunch I eat sandwiches o
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106 Since I am a colle
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## 109
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## 111
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## 114
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## 116
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## 119
## 120
## 121
## 122
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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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Freshman year I did not watch my diet at

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## 73
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## 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

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## 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

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## 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
## 108	1	4	2	3	5
## 109	1	5	2	2	6
## 110	1	4	2	2	5
## 111	1	3	4	4	8
## 112	1	3	3	5	9
## 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

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A s

14

Lots of vegetables with some grains

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17

Not too much carb

18

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

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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

Gri

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 plant
 ## 86
 ## 87 Small
 ## 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 salmon
 ## 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 c
 ## 114
 ## 115
 ## 116
 ## 117 BBQ Chicken with mash sweat potatoes
 ## 118
 ## 119
 ## 120 A diet that is well b
 ## 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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44 My ideal diet involves organic foods, more nuts, fruits, veggies and water and a complete absence
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I would like

My ideal die

```

## 109
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## 111
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## 114
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## 116
## 117
## 118
## 119
## 120
## 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				
## 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
## 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
##	

1
2
3 chicken and ri
4
5 Chick
6 Anything they'd want. I'd ask them before hand what they want to ea
7
8
9
10
11
12
13
14
15
16
17
18 Grilled chicken or steak with v
19
20
21
22
23
24
25
26
27
28
29 Garlic noodles and
30
31
32
33
34
35
36 Some
37
38
39
40 Stea
41
42
43
44
45 Steak, asparagus and p
46
47
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## 55
## 56
## 57
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## 71
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## 73
## 74
## 75
## 76
## 77
## 78
## 79
## 80
## 81
## 82
## 83
## 84
## 85 Stuffed chicken
## 86
## 87
## 88
## 89
## 90
## 91
## 92
## 93
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## 95
## 96
## 97
## 98
## 99
## 100
## 101
## 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
## 110
## 111
## 112
## 113
## 114
## 115
## 116
## 117
## 118
## 119
## 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 Resources
## 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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## 1
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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
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34 boredom
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44 All of the
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49 stress
50 They taste better than other food. They
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57 I usually only eat comfort foods when I am bored. I will also eat them when I am happy to celebra
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62 I do not really eat "comfort food" but I guess s
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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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I try

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

I will eat a full bleakest every morning consist

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

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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		
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I cook a lot o

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I would say i just ea

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## 66
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## 70 Freshman year I did not watch my diet at all and really let myself go. I ate pizza and fries for a
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## 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

##

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Grains, Veggies, (more of grains)

3

usu

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5

A lean protein such as grilled chicken, g

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8

A healthy meal has a

9

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A s

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Lots of vegetabl with some grains l

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17

Not too much carbs

18

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

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A healthy meal is a lean meat with most

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g

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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

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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
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##	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, Spa
## 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, Grapes
## 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 vegetable
##	81		Salad,
##	82		steak, mashed p
##	83		
##	84		Spaghetti con Chorizo
##	85		Stuffed chicken breasts, spaghetti carbonara, l
##	86		Pasta, breakfa
##	87		Pizza, Chick
##	88		Pasta
##	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,]
womenGPAmmean <- tapply(foodcodewomen$GPA, foodcodewomen$cuisine, mean, na.rm=T)
menGPAmmean <- 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>
```

#The Even-Numbered Column Indices and Identify them by Name

```
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.

#Summarize the Mean and Standard Deviation of the Question Above

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>

```