Brilliant Cassowary

Exploratory data analysis

Nidhi Soma (ns848) Joice Chen (jc3528) Jinpeng Li (jl3496)
Stephen Syl-Akinwale (sis33)

```
library(tidyverse)
```

```
-- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
v dplyr     1.1.4     v readr     2.1.5
v forcats   1.0.0     v stringr   1.5.1
v ggplot2   3.4.4     v tibble    3.2.1
v lubridate 1.9.3     v tidyr     1.3.0
v purrr     1.0.2
-- Conflicts ------------------------------------------ tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()    masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to becom
```

```
library(janitor)
```

```
Attaching package: 'janitor'

The following objects are masked from 'package:stats':

    chisq.test, fisher.test
```

```
library(dplyr)
library(skimr)
library(stringr)
library(ggplot2)
library(usethis)
```

Inserting the dataset on Coffee

```
coffee_df<-read_csv("data/GACTT_RESULTS_ANONYMIZED_v2.csv")
```

```
Rows: 4042 Columns: 113
-- Column specification --------------------------------------------------------
Delimiter: ","
chr (44): Submission ID, What is your age?, How many cups of coffee do you t...
dbl (13): Lastly, how would you rate your own coffee expertise?, Coffee A - ...
lgl (56): Where do you typically drink coffee? (At home), Where do you typic...

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.
```

Research question(s)

Research question(s). State your research question (s) clearly.

-How does self-perceived coffee experience affect actual and stated preferences? - How does coffee preference and consumption habits differ by demographic attributes such as age, gender, education level, and political identity? - How does different coffee consumption habits, such as the type of sweetener added and the milk used, correlate with each other. - How much do people's coffee consumption habits differ from each other?

Data collection and cleaning

Have an initial draft of your data cleaning appendix. Document every step that takes your raw data file(s) and turns it into the analysis-ready data set that you would submit with your final project. Include text narrative describing your data collection (downloading, scraping, surveys, etc) and any additional data curation/cleaning (merging data frames, filtering, transformations of variables, etc). Include code for data curation/cleaning, but not collection.

1. After inserting the data, it is in a table format. We need to evaluate which columns are useful or pretty much empty. This section removes columns with mostly NA values, since they will not be helpful for analysis.

```
#remove NA columns
coffee_clean <- coffee_df |>
  select(-contains("flavorings")) |>
  select(-contains("Gender (please specify"))

#new names
#coffee_clean <- coffee_df |>
#  rename_with(~str_extract(.x, '(?<=\\().*?(?=\\))'))
```

2. Next, we need to evaluate which columns contain repetitive information. There are a few columns that ask a question, and the next few columns are the answer to that question, so the question itself contains repetive values that we already have in the subsequent column names. This section removes the question columns.

```
#remove repetitive questions
coffee_clean <- coffee_clean |>
  mutate(`Where do you typically drink coffee?` = NULL) |>
  mutate(`How do you brew coffee at home?` = NULL)|>
  mutate(`On the go, where do you typically purchase coffee?` = NULL) |>
  mutate(`Do you usually add anything to your coffee?` = NULL) |>
  mutate(`What kind of diary do you add?` = NULL) |>
  mutate(`What kind of sugar or sweetener do you add?` = NULL) |>
  mutate(`Why do you drink coffee?` = NULL)
```

3. The main part of our data cleaning is fixing the column names to be in a tidy format. We go through and rename columns in the original form of "question? (response)" to "question_response". We also manually rename some confusing results from this method.

```
original_names <- colnames(coffee_clean)
tidy_names <- gsub(" ", "_", original_names)
tidy_names <- tolower(tidy_names)
tidy_names <- gsub("[[:punct:]]&&[^_]", "", tidy_names)

colnames(coffee_clean) <- tidy_names

coffee_clean <- coffee_clean |>
  rename(
    age = "what_is_your_age?",
    cups_of_coffee_per_day = "how_many_cups_of_coffee_do_you_typically_drink_per_day?",
    how_else_at_home = "how_else_do_you_brew_coffee_at_home?",
    where_else_purchase_coffee = "where_else_do_you_purchase_coffee?",
    favorite_coffee_drink = "what_is_your_favorite_coffee_drink?",
```

```
    favorite_coffee = "please_specify_what_your_favorite_coffee_drink_is",
    prefer_between_abc = "between_coffee_a,_coffee_b,_and_coffee_c_which_did_you_prefer?",
    other_flavoring = "what_other_flavoring_do_you_use?",
    best_described_before = "before_today's_tasting,_which_of_the_following_best_described_wh
    like_coffee = "how_strong_do_you_like_your_coffee?",
    roast_level = "what_roast_level_of_coffee_do_you_prefer?",
    caffeine = "how_much_caffeine_do_you_like_in_your_coffee?",
    own_coffee_expertise = "lastly,_how_would_you_rate_your_own_coffee_expertise?",
    prefer_between_ad = "between_coffee_a_and_coffee_d,_which_did_you_prefer?",
    favorite_overall_coffee = "lastly,_what_was_your_favorite_overall_coffee?",
    time_spent_on_equipment = "approximately_how_much_have_you_spent_on_coffee_equipment_in_t
    good_value_equipment = "do_you_feel_like_you're_getting_good_value_for_your_money_with_re
  )

colnames(coffee_clean) <- sapply(colnames(coffee_clean), function(name) {
  if (grepl("where_do_you_typically_drink_coffee", name)) {
    name <- gsub("where_do_you_typically_drink_coffee\\?_\\((.*)\\)", "drink_\\1", name)
  } else if (grepl("how_do_you_brew_coffee_at_home", name)) {
    name <- gsub("how_do_you_brew_coffee_at_home\\?_\\((.*)\\)", "at_home_\\1", name)
  } else if (grepl("on_the_go,_where_do_you_typically_purchase_coffee", name)) {
    name <- gsub("on_the_go,_where_do_you_typically_purchase_coffee\\?_\\((.*)\\)", "purchase
  } else if (grepl("do_you_usually_add_anything_to_your_coffee", name)) {
    name <- gsub("do_you_usually_add_anything_to_your_coffee\\?_\\((.*)\\)", "add_to_\\1", na
  } else if (grepl("what_kind_of_dairy_do_you_add", name)) {
    name <- gsub("what_kind_of_dairy_do_you_add\\?_\\((.*)\\)", "dairy_add_\\1", name)
  } else if (grepl("what_kind_of_sugar_or_sweetener_do_you_add", name)) {
    name <- gsub("what_kind_of_sugar_or_sweetener_do_you_add\\?_\\((.*)\\)", "sugar_sweetener
  } else if (grepl("why_do_you_drink_coffee", name)) {
    name <- gsub("why_do_you_drink_coffee\\?_\\((.*)\\)", "reason_\\1", name)
  }
  name
}
)

#manually changing some more confusing names
coffee_clean_2 <- coffee_clean |>
  rename(at_home_coffee_brewing_machine = `at_home_coffee_brewing_machine_(e.g._mr._coffee)`
         at_home_pod_or_capsule_machine = `at_home_pod/capsule_machine_(e.g._keurig/nespresso
         at_home_coffee_extract = `at_home_coffee_extract_(e.g._cometeer)`,
         purchase_national_chain = `purchase_national_chain_(e.g._starbucks,_dunkin)`,
         add_to_none = `add_to_no_-_just_black`,
         add_to_milk = `add_to_milk,_dairy_alternative,_or_coffee_creamer`,
```

```
        sugar_sweetener_add_artificial_sweeteners = `sugar_sweetener_add_artificial_sweetene
        sugar_sweetener_add_raw_sugar= `sugar_sweetener_add_raw_sugar_(turbinado)`,
        where_work = `do_you_work_from_home_or_in_person?`,
        monthly_coffee_cost = `in_total,_much_money_do_you_typically_spend_on_coffee_in_a_m
        like_taste = `do_you_like_the_taste_of_coffee?`,
        know_where_coffee_from = `do_you_know_where_your_coffee_comes_from?`,
        most_pay = `what_is_the_most_you've_ever_paid_for_a_cup_of_coffee?`,
        most_willing_pay = `what_is_the_most_you'd_ever_be_willing_to_pay_for_a_cup_of_coff
        good_value_money = `do_you_feel_like_you're_getting_good_value_for_your_money_when_
  mutate(`what_kind_of_dairy_do_you_add?` = NULL)
```

4. After renaming our columns, we noticed some of them work nicely as categorical factors. This section goes through and modify them to be factors in a logical order.

```
#change type to categorical

coffee_clean_factors <- coffee_clean_2 |>
  mutate(age = factor(age),
         monthly_coffee_cost = factor(monthly_coffee_cost))|>
  mutate(across(like_taste:political_affiliation, factor)) |>
  mutate(across(like_coffee:caffeine, factor)) |>
  mutate(cups_of_coffee_per_day = as_factor(cups_of_coffee_per_day))|>
  mutate(best_described_before = factor(best_described_before))
```

```
#add category

coffee_clean_factors <- coffee_clean_factors |>
  mutate(age = fct_relevel(age, c("<18 years old",
                                  "18-24 years old",
                                  "25-34 years old",
                                  "35-44 years old",
                                  "45-54 years old",
                                  "55-64 years old",
                                  ">65 years old")))|>
  mutate(monthly_coffee_cost = fct_relevel(monthly_coffee_cost, c(
    "<$20",
    "$20-$40",
    "$40-$60",
    "$60-$80",
    "$80-$100",
    ">$100"))) |>
  mutate(most_pay = fct_relevel(
```

```
    most_pay,
    c("Less than $2",
    "$2-$4",
    "$4-$6",
    "$6-$8",
    "$8-$10",
    "$10-$15",
    "$15-$20",
    "More than $20"
   ))) |>
  mutate(most_willing_pay = fct_relevel(
    most_willing_pay,
    c("Less than $2",
    "$2-$4",
    "$4-$6",
    "$6-$8",
    "$8-$10",
    "$10-$15",
    "$15-$20",
    "More than $20"
  ))) |>
  mutate(cups_of_coffee_per_day = fct_relevel(cups_of_coffee_per_day,
                                              c("Less than 1",
                                              "1",
                                              "2",
                                              "3",
                                              "4",
                                              "More than 4"))) |>
  mutate(caffeine = fct_relevel(caffeine,
                                c("Decaf", "Half caff", "Full caffeine"))) |>
  mutate(like_coffee = fct_relevel(like_coffee,
                                   c("Weak",
                                     "Somewhat light",
                                     "Medium",
                                     "Somewhat strong",
                                     "Very strong")))



#glimpse(coffee_clean_factors)
  # mutate(`what_is_the_most_you've_ever_paid_for_a_cup_of_coffee?` = fct_relevel(
  #   "Less than $2",
```

```
#   "$2-$4",
#   "$4-$6",
#   "$6-$8",
#   "$8-$10",
#   "$10-$15",
#   "$15-$20",
#   "More than $20"
# )) |>
#   mutate(`what_is_the_most_you'd_ever_be_willing_to_pay_for_a_cup_of_coffee?`) = fct_rel
#   "Less than $2",
#   "$2-$4",
#   "$4-$6",
#   "$6-$8",
#   "$8-$10",
#   "$10-$15",
#   "$15-$20",
#   "More than $20"
# )
```

Data description

Have an initial draft of your data description section. Your data description should be about your analysis-ready data.

What are the observations (rows) and the attributes (columns)? The observations represent an individual respondent to the survey. There are 4,042 rows. The columns are questions that they answered, ranging from demographic data to coffee preferences. There are 98 of these columns.

Why was this dataset created? To understand the general public's preferences as consumers for coffee.

Who funded the creation of the dataset? James Hoffman and Cometeer.

What processes might have influenced what data was observed and recorded and what was not? The survey quickly was sold out, and Hoffman's audience in general is coffee specialists. That will likely skew the population surveyed to be people who likely prefer specialty coffee, so it may be a biased sample. Additionally, this survey was conducted through people ordering tasting kits online, which were then sent to the participants to prepare and complete voluntarily, so there may have been differences in that. One example is that because participants were following a livestream to demonstrate how to do their taste test, their coffees may have been out long enough to have cooled, which could be another unaccounted variable that affected their taste preferences.

What preprocessing was done, and how did the data come to be in the form that you are using? Zip codes and geographic data seemed to have been removed. Participants were anonymized to protect their privacy. It wasn't disclosed how Hoffmann and his team collected all the taste test results that participants filled out, but once they got that data, they made it into a spreadsheet to be shared with the public.

If people are involved, were they aware of the data collection and if so, what purpose did they expect the data to be used for? People were involved, and they were made aware of the data collection by a YouTube video stating that the purpose of this taste test was to understand coffee preferences in the USA. The participants had to order the coffee tasting kit on their own in order to participate, showing their willingness to accept these terms. Hoffmann also made his intentions clear in his video with why he wanted to collect the data, and that he was planning to publicize the raw data later on.

Notes Coffee A - Light roast, Washed Coffee B - Medium Roast Coffee C - Dark roast Coffee D - Fermented, Natural, Fruity

Data limitations

Identify any potential problems with your dataset.

- There are many NA values across the dataset, which could lead to skewed statistics.
- Demographics are only limited to people in the US, and most respondents are likely coffee specialists, which introduces a bias in the data, so it cannot be generalized to the US public's coffee preferences. Suppose a foreign coffee company was analyzing this data - any conclusions they draw where they adjust their coffee marketing could be harmful to them because the demographic isn't for their market.
- In the other columns, there is no clear order in the answers, so it is hard to sort through and find extra patterns. This could limit us in more interesting text analysis.
- Mostly categorical variables, very few continuous values, so it limits our ability to do more quantitative analysis. We will have to use more visualizations and models suited for discrete data.

Exploratory data analysis

Perform an (initial) exploratory data analysis. Summary Stats

```
skim(coffee_clean_factors)
```

Table 1: Data summary

Name	coffee_clean_factors
Number of rows	4042
Number of columns	98
_____	
Column type frequency:	
character	15
factor	21
logical	49
numeric	13
_____	
Group variables	None

Variable type: character

skim_variable	n_missing	complete_rate	min	max	empty	n_unique	whitespace
submission_id	0	1.00	6	6	0	4042	0
how_else_at_home	3364	0.17	2	319	0	160	0
where_else_purchase_coffee	4011	0.01	4	83	0	26	0
favorite_coffee_drink	62	0.98	5	32	0	12	0
favorite_coffee	3926	0.03	3	92	0	78	0
what_else_do_you_add_to_your_coffee?	3994	0.01	3	140	0	42	0
coffee_a_-_notes	1464	0.64	1	377	0	2317	0
coffee_b_-_notes	1586	0.61	1	980	0	2199	0
coffee_c_-_notes	1659	0.59	1	438	0	2163	0
coffee_d_-_notes	1454	0.64	1	528	0	2354	0
prefer_between_abc	270	0.93	8	8	0	3	0
prefer_between_ad	281	0.93	8	8	0	2	0
favorite_overall_coffee	272	0.93	8	8	0	4	0
where_work	518	0.87	18	26	0	3	0
other_reason_for_drinking_coffee	3875	0.04	2	195	0	163	0

Variable type: factor

skim_variable	n_missing	complete_rate	ordered	n_unique	top_counts
age	31	0.99	FALSE	7	25-: 1986, 35-: 960, 18-: 461, 45-: 302
cups_of_coffee_per_day	93	0.98	FALSE	6	2: 1663, 1: 1277, 3: 473, Les: 348

skim_variable	n_missing	complete_rate	ordered	n_unique	top_counts
best_described_before	84	0.98	FALSE	12	Fru: 953, Cho: 628, Ful: 474, Bri: 349
like_coffee	126	0.97	FALSE	5	Som: 1791, Med: 1432, Ver: 433, Som: 217
roast_level	102	0.97	FALSE	7	Lig: 1778, Med: 1557, Dar: 409, Nor: 78
caffeine	125	0.97	FALSE	3	Ful: 3576, Hal: 205, Dec: 136
monthly_coffee_cost	531	0.87	FALSE	6	$20: 1293, $40: 1050, <$2: 427, $60: 387
like_taste	479	0.88	FALSE	2	Yes: 3460, No: 103
know_where_coffee_from	483	0.88	FALSE	2	Yes: 2720, No: 839
most_pay	515	0.87	FALSE	8	$6-: 1095, $8-: 1000, $10: 616, $4-: 451
most_willing_pay	532	0.87	FALSE	8	$8-: 880, $10: 652, $6-: 641, Mor: 576
good_value_money	542	0.87	FALSE	2	Yes: 2048, No: 1452
time_spent_on_equipment	536	0.87	FALSE	7	Mor: 780, $10: 750, $50: 642, $30: 597
good_value_equipment	548	0.86	FALSE	2	Yes: 3318, No: 176
gender	519	0.87	FALSE	5	Mal: 2524, Fem: 853, Non: 103, Pre: 33
education_level	604	0.85	FALSE	6	Bac: 1759, Mas: 738, Som: 461, Doc: 340
ethnicity/race	624	0.85	FALSE	6	Whi: 2626, Asi: 411, His: 218, Oth: 111
ethnicity/race_(please_specify)	3637	0.03	FALSE	82	Mix: 7, Ind: 5, Asi: 3, Mid: 3
employment_status	623	0.85	FALSE	6	Emp: 2708, Stu: 221, Emp: 201, Une: 126
number_of_children	636	0.84	FALSE	5	Non: 2550, 2: 402, 1: 310, 3: 92
political_affiliation	753	0.81	FALSE	4	Dem: 1768, No : 826, Ind: 507, Rep: 188

Variable type: logical

skim_variable	n_missing	complete_rate	mean	count
drink_at_home	67	0.98	0.92	TRU: 3644, FAL: 331
drink_at_the_office	67	0.98	0.36	FAL: 2545, TRU: 1430
drink_on_the_go	67	0.98	0.18	FAL: 3270, TRU: 705
drink_at_a_cafe	67	0.98	0.29	FAL: 2805, TRU: 1170
drink_none_of_these	67	0.98	0.01	FAL: 3939, TRU: 36
at_home_pour_over	381	0.91	0.63	TRU: 2295, FAL: 1366
at_home_french_press	381	0.91	0.20	FAL: 2926, TRU: 735
at_home_espresso	381	0.91	0.41	FAL: 2143, TRU: 1518
at_home_coffee_brewing_machine	381	0.91	0.18	FAL: 2998, TRU: 663
at_home_pod_or_capsule_machine	381	0.91	0.09	FAL: 3325, TRU: 336
at_home_instant_coffee	381	0.91	0.04	FAL: 3531, TRU: 130
at_home_bean-to-cup_machine	381	0.91	0.02	FAL: 3577, TRU: 84
at_home_cold_brew	381	0.91	0.14	FAL: 3136, TRU: 525
at_home_coffee_extract	381	0.91	0.05	FAL: 3475, TRU: 186
at_home_other	381	0.91	0.18	FAL: 2984, TRU: 677
purchase_national_chain	3319	0.18	0.46	FAL: 394, TRU: 329
purchase_local_cafe	3319	0.18	0.54	TRU: 392, FAL: 331
purchase_drive-thru	3319	0.18	0.13	FAL: 628, TRU: 95
purchase_specialty_coffee_shop	3319	0.18	0.61	TRU: 438, FAL: 285
purchase_deli_or_supermarket	3319	0.18	0.07	FAL: 674, TRU: 49

skim_variable	n_missing	complete_rate	mean	count
purchase_other	3319	0.18	0.05	FAL: 689, TRU: 34
add_to_none	82	0.98	0.66	TRU: 2611, FAL: 1349
add_to_milk	82	0.98	0.43	FAL: 2260, TRU: 1700
add_to_sugar_or_sweetener	82	0.98	0.13	FAL: 3445, TRU: 515
add_to_flavor_syrup	82	0.98	0.06	FAL: 3729, TRU: 231
add_to_other	82	0.98	0.01	FAL: 3914, TRU: 46
dairy_add_whole_milk	2343	0.42	0.50	FAL: 852, TRU: 847
dairy_add_skim_milk	2343	0.42	0.08	FAL: 1564, TRU: 135
dairy_add_half_and_half	2343	0.42	0.24	FAL: 1295, TRU: 404
dairy_add_coffee_creamer	2343	0.42	0.09	FAL: 1550, TRU: 149
dairy_add_flavored_coffee_creamer	2343	0.42	0.10	FAL: 1537, TRU: 162
dairy_add_oat_milk	2343	0.42	0.30	FAL: 1188, TRU: 511
dairy_add_almond_milk	2343	0.42	0.09	FAL: 1554, TRU: 145
dairy_add_soy_milk	2343	0.42	0.05	FAL: 1618, TRU: 81
dairy_add_other	2343	0.42	0.00	FAL: 1699
sugar_sweetener_add_granulated_sugar	3525	0.13	0.57	TRU: 293, FAL: 224
sugar_sweetener_add_artificial_sweeteners	3525	0.13	0.18	FAL: 426, TRU: 91
sugar_sweetener_add_honey	3525	0.13	0.14	FAL: 447, TRU: 70
sugar_sweetener_add_maple_syrup	3525	0.13	0.07	FAL: 480, TRU: 37
sugar_sweetener_add_stevia	3525	0.13	0.10	FAL: 466, TRU: 51
sugar_sweetener_add_agave_nectar	3525	0.13	0.03	FAL: 502, TRU: 15

skim_variable	n_missing	complete_rate	mean	count
sugar_sweetener_add_brown_sugar	3525	0.13	0.14	FAL: 443, TRU: 74
sugar_sweetener_add_raw_sugar	3525	0.13	0.22	FAL: 401, TRU: 116
other_flavoring	4042	0.00	NaN	:
reason_it_tastes_good	472	0.88	0.94	TRU: 3355, FAL: 215
reason_i_need_the_caffeine	472	0.88	0.57	TRU: 2021, FAL: 1549
reason_i_need_the_ritual	472	0.88	0.54	TRU: 1922, FAL: 1648
reason_it_makes_me_go_to_the_bathroom	472	0.88	0.13	FAL: 3105, TRU: 465
reason_other	472	0.88	0.05	FAL: 3402, TRU: 168

Variable type: numeric

skim_variable	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
own_coffee_expertise	104	0.97	5.69	1.95	1	5	6	7	10	
coffee_a_-_bitterness	244	0.94	2.14	0.95	1	1	2	3	5	
coffee_a_-_acidity	263	0.93	3.63	0.98	1	3	4	4	5	
coffee_a_-_personal_preference	253	0.94	3.31	1.19	1	2	3	4	5	
coffee_b_-_bitterness	262	0.94	3.01	0.99	1	2	3	4	5	
coffee_b_-_acidity	275	0.93	2.22	0.87	1	2	2	3	5	
coffee_b_-_personal_preference	269	0.93	3.07	1.11	1	2	3	4	5	
coffee_c_-_bitterness	278	0.93	3.07	1.00	1	2	3	4	5	
coffee_c_-_acidity	291	0.93	2.37	0.92	1	2	2	3	5	
coffee_c_-_personal_preference	276	0.93	3.06	1.13	1	2	3	4	5	
coffee_d_-_bitterness	275	0.93	2.16	1.08	1	1	2	3	5	
coffee_d_-_acidity	277	0.93	3.86	1.01	1	3	4	5	5	
coffee_d_-_personal_preference	278	0.93	3.38	1.45	1	2	4	5	5	

```
coffee_clean_factors |>
  group_by(gender) |>
```

```
skim()
```

Table 6: Data summary

Name	group_by(coffee_clean_fac…
Number of rows	4042
Number of columns	98
_____	
Column type frequency:	
character	15
factor	20
logical	49
numeric	13
_____	
Group variables	gender

Variable type: character

skim_variable	gender	n_missing	complete_rate	min	max	empty	n_unique	whitespace
submission_id	Female	0	1.00	6	6	0	853	0
submission_id	Male	0	1.00	6	6	0	2524	0
submission_id	Non-binary	0	1.00	6	6	0	103	0
submission_id	Other (please specify)	0	1.00	6	6	0	10	0
submission_id	Prefer not to say	0	1.00	6	6	0	33	0
submission_id	NA	0	1.00	6	6	0	519	0
how_else_at_home	Female	746	0.13	4	105	0	40	0
how_else_at_home	Male	2046	0.19	2	319	0	119	0
how_else_at_home	Non-binary	83	0.19	6	39	0	10	0
how_else_at_home	Other (please specify)	8	0.20	9	9	0	1	0
how_else_at_home	Prefer not to say	27	0.18	8	9	0	4	0
how_else_at_home	NA	454	0.13	4	43	0	25	0
where_else_purchase_coffee	Female	850	0.00	11	23	0	3	0
where_else_purchase_coffee	Male	2504	0.01	4	83	0	18	0
where_else_purchase_coffee	Non-binary	102	0.01	15	15	0	1	0
where_else_purchase_coffee	Other (please specify)	10	0.00	NA	NA	0	0	0

skim_variable	gender	n_missing	complete_rate	min	max	empty	n_unique	whitespace
where_else_purchase_coffee	Prefer not to say	33	0.00	NA	NA	0	0	0
where_else_purchase_coffee	NA	512	0.01	4	34	0	7	0
favorite_coffee_drink	Female	0	1.00	5	32	0	12	0
favorite_coffee_drink	Male	0	1.00	5	32	0	12	0
favorite_coffee_drink	Non-binary	0	1.00	5	32	0	12	0
favorite_coffee_drink	Other (please specify)	0	1.00	5	19	0	5	0
favorite_coffee_drink	Prefer not to say	0	1.00	5	19	0	10	0
favorite_coffee_drink	NA	62	0.88	5	32	0	12	0
favorite_coffee	Female	829	0.03	3	92	0	21	0
favorite_coffee	Male	2452	0.03	3	90	0	53	0
favorite_coffee	Non-binary	98	0.05	10	14	0	3	0
favorite_coffee	Other (please specify)	10	0.00	NA	NA	0	0	0
favorite_coffee	Prefer not to say	31	0.06	9	15	0	2	0
favorite_coffee	NA	506	0.03	3	25	0	11	0
what_else_do_you_add_to_your_coffee?	Female	837	0.02	4	119	0	15	0
what_else_do_you_add_to_your_coffee?	Male	2503	0.01	4	70	0	20	0
what_else_do_you_add_to_your_coffee?	Non-binary	101	0.02	33	140	0	2	0
what_else_do_you_add_to_your_coffee?	Other (please specify)	10	0.00	NA	NA	0	0	0
what_else_do_you_add_to_your_coffee?	Prefer not to say	32	0.03	5	5	0	1	0
what_else_do_you_add_to_your_coffee?	NA	511	0.02	3	80	0	7	0
coffee_a_-_notes	Female	271	0.68	4	377	0	536	0
coffee_a_-_notes	Male	758	0.70	3	358	0	1629	0
coffee_a_-_notes	Non-binary	22	0.79	3	194	0	81	0
coffee_a_-_notes	Other (please specify)	0	1.00	1	72	0	10	0
coffee_a_-_notes	Prefer not to say	12	0.64	5	112	0	21	0
coffee_a_-_notes	NA	401	0.23	4	269	0	111	0
coffee_b_-_notes	Female	299	0.65	3	363	0	498	0
coffee_b_-_notes	Male	839	0.67	2	980	0	1543	0
coffee_b_-_notes	Non-binary	25	0.76	5	279	0	77	0
coffee_b_-_notes	Other (please specify)	0	1.00	1	157	0	10	0

skim_variable	gender	n_missing	complete_rate	min	max	empty	n_unique	whitespace
coffee_b_-_notes	Prefer not to say	13	0.61	6	152	0	20	0
coffee_b_-_notes	NA	410	0.21	1	106	0	105	0
coffee_c_-_notes	Female	312	0.63	3	350	0	498	0
coffee_c_-_notes	Male	877	0.65	3	438	0	1533	0
coffee_c_-_notes	Non-binary	31	0.70	3	307	0	72	0
coffee_c_-_notes	Other (please specify)	2	0.80	1	77	0	8	0
coffee_c_-_notes	Prefer not to say	16	0.52	4	125	0	17	0
coffee_c_-_notes	NA	421	0.19	2	159	0	97	0
coffee_d_-_notes	Female	258	0.70	2	350	0	553	0
coffee_d_-_notes	Male	757	0.70	4	528	0	1638	0
coffee_d_-_notes	Non-binary	23	0.78	5	372	0	79	0
coffee_d_-_notes	Other (please specify)	0	1.00	1	160	0	10	0
coffee_d_-_notes	Prefer not to say	14	0.58	9	184	0	19	0
coffee_d_-_notes	NA	402	0.23	5	298	0	111	0
prefer_between_abc	Female	0	1.00	8	8	0	3	0
prefer_between_abc	Male	0	1.00	8	8	0	3	0
prefer_between_abc	Non-binary	0	1.00	8	8	0	3	0
prefer_between_abc	Other (please specify)	0	1.00	8	8	0	3	0
prefer_between_abc	Prefer not to say	0	1.00	8	8	0	3	0
prefer_between_abc	NA	270	0.48	8	8	0	3	0
prefer_between_ad	Female	0	1.00	8	8	0	2	0
prefer_between_ad	Male	0	1.00	8	8	0	2	0
prefer_between_ad	Non-binary	0	1.00	8	8	0	2	0
prefer_between_ad	Other (please specify)	0	1.00	8	8	0	2	0
prefer_between_ad	Prefer not to say	1	0.97	8	8	0	2	0
prefer_between_ad	NA	280	0.46	8	8	0	2	0
favorite_overall_coffee	Female	0	1.00	8	8	0	4	0
favorite_overall_coffee	Male	0	1.00	8	8	0	4	0
favorite_overall_coffee	Non-binary	0	1.00	8	8	0	4	0
favorite_overall_coffee	Other (please specify)	0	1.00	8	8	0	4	0

skim_variable	gender	n_missing	complete_rate	min	max	empty	n_unique	whitespace
favorite_overall_coffee	Prefer not to say	0	1.00	8	8	0	4	0
favorite_overall_coffee	NA	272	0.48	8	8	0	4	0
where_work	Female	25	0.97	18	26	0	3	0
where_work	Male	33	0.99	18	26	0	3	0
where_work	Non-binary	1	0.99	18	26	0	3	0
where_work	Other (please specify)	0	1.00	18	26	0	3	0
where_work	Prefer not to say	0	1.00	18	26	0	3	0
where_work	NA	459	0.12	18	26	0	3	0
other_reason_for_drinking_coffee	Female	802	0.06	5	194	0	51	0
other_reason_for_drinking_coffee	Male	2427	0.04	3	195	0	96	0
other_reason_for_drinking_coffee	Non-binary	91	0.12	18	162	0	12	0
other_reason_for_drinking_coffee	Other (please specify)	8	0.20	30	34	0	2	0
other_reason_for_drinking_coffee	Prefer not to say	31	0.06	30	48	0	2	0
other_reason_for_drinking_coffee	NA	516	0.01	2	86	0	3	0

Variable type: factor

skim_variable	gender	n_missing	complete_rate	ordered	n_unique	top_counts
age	Female	0	1.00	FALSE	7	25-: 419, 35-: 197, 45-: 78, 18-: 74
age	Male	0	1.00	FALSE	7	25-: 1284, 35-: 621, 18-: 289, 45-: 176
age	Non-binary	0	1.00	FALSE	4	25-: 69, 35-: 19, 18-: 14, 45-: 1
age	Other (please specify)	0	1.00	FALSE	4	18-: 5, 25-: 3, <18: 1, 35-: 1
age	Prefer not to say	0	1.00	FALSE	6	25-: 15, 35-: 8, 18-: 5, 55-: 3
age	NA	31	0.94	FALSE	7	25-: 196, 35-: 114, 18-: 74, 45-: 46
cups_of_coffee_per_day	Female	0	1.00	FALSE	6	1: 366, 2: 279, Les: 133, 3: 57
cups_of_coffee_per_day	Male	0	1.00	FALSE	6	2: 1138, 1: 751, 3: 344, Les: 149

skim_variable	gender	n_missing	complete_rate	ordered	n_unique	top_counts
cups_of_coffee_per_day	Non-binary	0	1.00	FALSE	5	1: 38, 2: 38, Les: 17, 3: 7
cups_of_coffee_per_day	Other (please specify)	0	1.00	FALSE	5	2: 6, Les: 1, 1: 1, 3: 1
cups_of_coffee_per_day	Prefer not to say	0	1.00	FALSE	5	2: 15, 1: 11, Les: 4, 4: 2
cups_of_coffee_per_day	NA	93	0.82	FALSE	6	2: 187, 1: 110, 3: 64, Les: 44
best_described_before	Female	0	1.00	FALSE	10	Cho: 204, Nut: 105, Fru: 104, Car: 103
best_described_before	Male	0	1.00	FALSE	10	Fru: 722, Cho: 336, Ful: 298, Bri: 245
best_described_before	Non-binary	0	1.00	FALSE	10	Fru: 31, Bri: 14, Cho: 12, Ful: 12
best_described_before	Other (please specify)	0	1.00	FALSE	7	Fru: 2, Ful: 2, Jui: 2, Bri: 1
best_described_before	Prefer not to say	0	1.00	FALSE	10	Fru: 8, Cho: 6, Jui: 4, Nut: 4
best_described_before	NA	84	0.84	FALSE	12	Fru: 86, Cho: 70, Ful: 62, Nut: 36
like_coffee	Female	5	0.99	FALSE	5	Med: 356, Som: 332, Som: 73, Ver: 65
like_coffee	Male	11	1.00	FALSE	5	Som: 1208, Med: 881, Ver: 304, Som: 107
like_coffee	Non-binary	0	1.00	FALSE	5	Som: 52, Med: 32, Som: 9, Ver: 9
like_coffee	Other (please specify)	0	1.00	FALSE	3	Med: 5, Som: 3, Som: 2, Wea: 0
like_coffee	Prefer not to say	0	1.00	FALSE	4	Som: 18, Med: 11, Som: 3, Wea: 1
like_coffee	NA	110	0.79	FALSE	5	Som: 179, Med: 147, Ver: 55, Som: 22
roast_level	Female	0	1.00	FALSE	7	Med: 391, Lig: 266, Dar: 147, Blo: 31
roast_level	Male	0	1.00	FALSE	7	Lig: 1270, Med: 936, Dar: 198, Nor: 61
roast_level	Non-binary	0	1.00	FALSE	6	Lig: 56, Med: 33, Dar: 9, Fre: 2

skim_variable	gender	n_missing	complete_rate	ordered	n_unique	top_counts
roast_level	Other (please specify)	0	1.00	FALSE	4	Lig: 5, Dar: 2, Med: 2, Nor: 1
roast_level	Prefer not to say	0	1.00	FALSE	3	Lig: 18, Med: 11, Dar: 4, Blo: 0
roast_level	NA	102	0.80	FALSE	7	Med: 184, Lig: 163, Dar: 49, Nor: 10
caffeine	Female	7	0.99	FALSE	3	Ful: 724, Hal: 64, Dec: 58
caffeine	Male	7	1.00	FALSE	3	Ful: 2357, Hal: 100, Dec: 60
caffeine	Non-binary	0	1.00	FALSE	3	Ful: 87, Hal: 10, Dec: 6
caffeine	Other (please specify)	0	1.00	FALSE	1	Ful: 10, Dec: 0, Hal: 0
caffeine	Prefer not to say	0	1.00	FALSE	3	Ful: 30, Dec: 2, Hal: 1
caffeine	NA	111	0.79	FALSE	3	Ful: 368, Hal: 30, Dec: 10
monthly_coffee_cost	Female	20	0.98	FALSE	6	$20: 289, $40: 208, <$2: 177, $60: 83
monthly_coffee_cost	Male	35	0.99	FALSE	6	$20: 929, $40: 795, $60: 285, <$2: 225
monthly_coffee_cost	Non-binary	2	0.98	FALSE	6	$20: 42, $40: 23, $60: 12, <$2: 11
monthly_coffee_cost	Other (please specify)	0	1.00	FALSE	5	$20: 4, $40: 2, $60: 2, <$2: 1
monthly_coffee_cost	Prefer not to say	1	0.97	FALSE	6	$20: 14, $40: 10, $80: 3, <$2: 2
monthly_coffee_cost	NA	473	0.09	FALSE	6	$20: 15, $40: 12, <$2: 11, $60: 3
like_taste	Female	4	1.00	FALSE	2	Yes: 784, No: 65
like_taste	Male	3	1.00	FALSE	2	Yes: 2488, No: 33
like_taste	Non-binary	0	1.00	FALSE	1	Yes: 103, No: 0
like_taste	Other (please specify)	1	0.90	FALSE	1	Yes: 9, No: 0
like_taste	Prefer not to say	0	1.00	FALSE	2	Yes: 31, No: 2

skim_variable	gender	n_missing	complete_rate	ordered	n_unique	top_counts
like_taste	NA	471	0.09	FALSE	2	Yes: 45, No: 3
know_where_coffee_from	Female	3	1.00	FALSE	2	Yes: 510, No: 340
know_where_coffee_from	Male	7	1.00	FALSE	2	Yes: 2061, No: 456
know_where_coffee_from	Non-binary	0	1.00	FALSE	2	Yes: 80, No: 23
know_where_coffee_from	Other (please specify)	1	0.90	FALSE	2	Yes: 5, No: 4
know_where_coffee_from	Prefer not to say	0	1.00	FALSE	2	Yes: 27, No: 6
know_where_coffee_from	NA	472	0.09	FALSE	2	Yes: 37, No: 10
most_pay	Female	15	0.98	FALSE	8	$6-: 285, $8-: 270, $10: 124, $4-: 110
most_pay	Male	20	0.99	FALSE	8	$6-: 748, $8-: 676, $10: 451, $4-: 332
most_pay	Non-binary	0	1.00	FALSE	7	$6-: 32, $8-: 30, $10: 27, $15: 7
most_pay	Other (please specify)	1	0.90	FALSE	4	$6-: 4, $8-: 3, $10: 1, $15: 1
most_pay	Prefer not to say	0	1.00	FALSE	6	$8-: 11, $6-: 10, $10: 6, $4-: 4
most_pay	NA	479	0.08	FALSE	7	$6-: 16, $8-: 10, $10: 7, $4-: 3
most_willing_pay	Female	15	0.98	FALSE	8	$8-: 250, $6-: 201, $10: 148, $4-: 84
most_willing_pay	Male	28	0.99	FALSE	8	$8-: 585, Mor: 480, $10: 467, $6-: 413
most_willing_pay	Non-binary	1	0.99	FALSE	6	$8-: 26, $10: 22, Mor: 20, $15: 17
most_willing_pay	Other (please specify)	1	0.90	FALSE	4	$8-: 5, Mor: 2, $6-: 1, $10: 1
most_willing_pay	Prefer not to say	2	0.94	FALSE	7	$6-: 8, $10: 8, $8-: 5, $4-: 4
most_willing_pay	NA	485	0.07	FALSE	8	$8-: 9, $10: 6, Mor: 6, $6-: 5
good_value_money	Female	21	0.98	FALSE	2	Yes: 471, No: 361
good_value_money	Male	37	0.99	FALSE	2	Yes: 1471, No: 1016
good_value_money	Non-binary	0	1.00	FALSE	2	Yes: 68, No: 35

skim_variable	gender	n_missing	complete_rate	ordered	n_unique	top_counts
good_value_money	Other (please specify)	1	0.90	FALSE	2	Yes: 6, No: 3
good_value_money	Prefer not to say	0	1.00	FALSE	2	Yes: 19, No: 14
good_value_money	NA	483	0.07	FALSE	2	No: 23, Yes: 13
time_spent_on_equipment	Female	23	0.97	FALSE	7	$10: 168, Les: 154, $30: 116, $50: 114
time_spent_on_equipment	Male	21	0.99	FALSE	7	Mor: 643, $10: 538, $50: 520, $30: 456
time_spent_on_equipment	Non-binary	0	1.00	FALSE	7	$10: 30, $50: 17, $30: 16, $50: 13
time_spent_on_equipment	Other (please specify)	1	0.90	FALSE	4	$10: 4, $50: 2, Mor: 2, $50: 1
time_spent_on_equipment	Prefer not to say	0	1.00	FALSE	7	$10: 7, Mor: 7, $50: 6, $50: 4
time_spent_on_equipment	NA	491	0.05	FALSE	7	Mor: 8, $30: 6, $50: 4, $10: 3
good_value_equipment	Female	32	0.96	FALSE	2	Yes: 756, No: 65
good_value_equipment	Male	18	0.99	FALSE	2	Yes: 2402, No: 104
good_value_equipment	Non-binary	0	1.00	FALSE	2	Yes: 101, No: 2
good_value_equipment	Other (please specify)	1	0.90	FALSE	1	Yes: 9, No: 0
good_value_equipment	Prefer not to say	0	1.00	FALSE	2	Yes: 28, No: 5
good_value_equipment	NA	497	0.04	FALSE	1	Yes: 22, No: 0
education_level	Female	22	0.97	FALSE	6	Bac: 408, Mas: 215, Som: 94, Doc: 84
education_level	Male	55	0.98	FALSE	6	Bac: 1272, Mas: 495, Som: 345, Doc: 254
education_level	Non-binary	1	0.99	FALSE	4	Bac: 64, Mas: 20, Som: 15, Hig: 3
education_level	Other (please specify)	0	1.00	FALSE	4	Bac: 5, Hig: 2, Som: 2, Les: 1
education_level	Prefer not to say	11	0.67	FALSE	5	Bac: 10, Mas: 5, Som: 4, Doc: 2
education_level	NA	515	0.01	FALSE	2	Mas: 3, Som: 1, Bac: 0, Doc: 0

skim_variable	gender	n_missing	complete_rate	ordered	n_unique	top_counts
ethnicity/race	Female	31	0.96	FALSE	6	Whi: 604, Asi: 125, His: 52, Oth: 26
ethnicity/race	Male	60	0.98	FALSE	6	Whi: 1921, Asi: 277, His: 158, Oth: 74
ethnicity/race	Non-binary	2	0.98	FALSE	5	Whi: 82, His: 8, Asi: 6, Oth: 4
ethnicity/race	Other (please specify)	0	1.00	FALSE	4	Whi: 6, Oth: 2, Bla: 1, Nat: 1
ethnicity/race	Prefer not to say	15	0.55	FALSE	3	Whi: 11, Oth: 4, Asi: 3, Bla: 0
ethnicity/race	NA	516	0.01	FALSE	2	Whi: 2, Oth: 1, Asi: 0, Bla: 0
ethnicity/race_(please_specify)	Female	828	0.03	FALSE	23	Mid: 2, Mul: 2, Afr: 1, Ara: 1
ethnicity/race_(please_specify)	Male	2451	0.03	FALSE	59	Mix: 6, Ind: 5, Asi: 3, Jew: 2
ethnicity/race_(please_specify)	Non-binary	99	0.04	FALSE	4	Asi: 1, Bir: 1, Bir: 1, Mex: 1
ethnicity/race_(please_specify)	Other (please specify)	8	0.20	FALSE	2	Ala: 1, No: 1, 1/2: 0, 50|: 0
ethnicity/race_(please_specify)	Prefer not to say	32	0.03	FALSE	1	Pre: 1, 1/2: 0, 50|: 0, Afr: 0
ethnicity/race_(please_specify)	NA	519	0.00	FALSE	0	1/2: 0, 50|: 0, Afr: 0, Ala: 0
employment_status	Female	31	0.96	FALSE	6	Emp: 563, Emp: 78, Hom: 65, Stu: 50
employment_status	Male	63	0.98	FALSE	6	Emp: 2053, Stu: 154, Emp: 108, Une: 80
employment_status	Non-binary	1	0.99	FALSE	4	Emp: 70, Emp: 13, Stu: 12, Une: 7
employment_status	Other (please specify)	0	1.00	FALSE	4	Emp: 5, Stu: 3, Ret: 1, Une: 1
employment_status	Prefer not to say	11	0.67	FALSE	5	Emp: 16, Hom: 2, Stu: 2, Emp: 1
employment_status	NA	517	0.00	FALSE	2	Emp: 1, Emp: 1, Hom: 0, Ret: 0
number_of_children	Female	29	0.97	FALSE	5	Non: 604, 2: 104, 1: 74, 3: 28

skim_variable	gender	n_missing	complete_rate	ordered	n_unique	top_counts
number_of_children	Male	75	0.97	FALSE	5	Non: 1824, 2: 294, 1: 230, 3: 64
number_of_children	Non-binary	2	0.98	FALSE	3	Non: 94, 1: 4, 2: 3, 3: 0
number_of_children	Other (please specify)	1	0.90	FALSE	2	Non: 8, Mor: 1, 1: 0, 2: 0
number_of_children	Prefer not to say	12	0.64	FALSE	3	Non: 18, 1: 2, 2: 1, 3: 0
number_of_children	NA	517	0.00	FALSE	1	Non: 2, 1: 0, 2: 0, 3: 0
political_affiliation	Female	77	0.91	FALSE	4	Dem: 429, No : 196, Ind: 105, Rep: 46
political_affiliation	Male	144	0.94	FALSE	4	Dem: 1257, No : 593, Ind: 388, Rep: 142
political_affiliation	Non-binary	3	0.97	FALSE	3	Dem: 68, No : 21, Ind: 11, Rep: 0
political_affiliation	Other (please specify)	1	0.90	FALSE	3	Dem: 5, Ind: 2, No : 2, Rep: 0
political_affiliation	Prefer not to say	12	0.64	FALSE	2	No : 13, Dem: 8, Ind: 0, Rep: 0
political_affiliation	NA	516	0.01	FALSE	3	Dem: 1, Ind: 1, No : 1, Rep: 0

Variable type: logical

skim_variable	gender	n_missing	complete_rate	mean	count
drink_at_home	Female	0	1.00	0.88	TRU: 752, FAL: 101
drink_at_home	Male	0	1.00	0.93	TRU: 2357, FAL: 167
drink_at_home	Non-binary	0	1.00	0.93	TRU: 96, FAL: 7
drink_at_home	Other (please specify)	0	1.00	1.00	TRU: 10
drink_at_home	Prefer not to say	0	1.00	0.94	TRU: 31, FAL: 2
drink_at_home	NA	67	0.87	0.88	TRU: 398, FAL: 54

skim_variable	gender	n_missing	complete_rate	mean	count
drink_at_the_office	Female	0	1.00	0.31	FAL: 588, TRU: 265
drink_at_the_office	Male	0	1.00	0.38	FAL: 1554, TRU: 970
drink_at_the_office	Non-binary	0	1.00	0.28	FAL: 74, TRU: 29
drink_at_the_office	Other (please specify)	0	1.00	0.20	FAL: 8, TRU: 2
drink_at_the_office	Prefer not to say	0	1.00	0.30	FAL: 23, TRU: 10
drink_at_the_office	NA	67	0.87	0.34	FAL: 298, TRU: 154
drink_on_the_go	Female	0	1.00	0.23	FAL: 660, TRU: 193
drink_on_the_go	Male	0	1.00	0.16	FAL: 2125, TRU: 399
drink_on_the_go	Non-binary	0	1.00	0.23	FAL: 79, TRU: 24
drink_on_the_go	Other (please specify)	0	1.00	0.10	FAL: 9, TRU: 1
drink_on_the_go	Prefer not to say	0	1.00	0.21	FAL: 26, TRU: 7
drink_on_the_go	NA	67	0.87	0.18	FAL: 371, TRU: 81
drink_at_a_cafe	Female	0	1.00	0.29	FAL: 602, TRU: 251
drink_at_a_cafe	Male	0	1.00	0.29	FAL: 1799, TRU: 725
drink_at_a_cafe	Non-binary	0	1.00	0.49	FAL: 53, TRU: 50
drink_at_a_cafe	Other (please specify)	0	1.00	0.20	FAL: 8, TRU: 2
drink_at_a_cafe	Prefer not to say	0	1.00	0.33	FAL: 22, TRU: 11
drink_at_a_cafe	NA	67	0.87	0.29	FAL: 321, TRU: 131
drink_none_of_these	Female	0	1.00	0.02	FAL: 838, TRU: 15
drink_none_of_these	Male	0	1.00	0.01	FAL: 2507, TRU: 17
drink_none_of_these	Non-binary	0	1.00	0.00	FAL: 103

skim_variable	gender	n_missing	complete_rate	mean	count
drink_none_of_these	Other (please specify)	0	1.00	0.00	FAL: 10
drink_none_of_these	Prefer not to say	0	1.00	0.03	FAL: 32, TRU: 1
drink_none_of_these	NA	67	0.87	0.01	FAL: 449, TRU: 3
at_home_pour_over	Female	98	0.89	0.48	FAL: 395, TRU: 360
at_home_pour_over	Male	167	0.93	0.69	TRU: 1623, FAL: 734
at_home_pour_over	Non-binary	7	0.93	0.66	TRU: 63, FAL: 33
at_home_pour_over	Other (please specify)	0	1.00	0.60	TRU: 6, FAL: 4
at_home_pour_over	Prefer not to say	2	0.94	0.61	TRU: 19, FAL: 12
at_home_pour_over	NA	107	0.79	0.54	TRU: 224, FAL: 188
at_home_french_press	Female	98	0.89	0.17	FAL: 625, TRU: 130
at_home_french_press	Male	167	0.93	0.21	FAL: 1857, TRU: 500
at_home_french_press	Non-binary	7	0.93	0.27	FAL: 70, TRU: 26
at_home_french_press	Other (please specify)	0	1.00	0.10	FAL: 9, TRU: 1
at_home_french_press	Prefer not to say	2	0.94	0.16	FAL: 26, TRU: 5
at_home_french_press	NA	107	0.79	0.18	FAL: 339, TRU: 73
at_home_espresso	Female	98	0.89	0.32	FAL: 510, TRU: 245
at_home_espresso	Male	167	0.93	0.46	FAL: 1284, TRU: 1073
at_home_espresso	Non-binary	7	0.93	0.38	FAL: 60, TRU: 36
at_home_espresso	Other (please specify)	0	1.00	0.30	FAL: 7, TRU: 3
at_home_espresso	Prefer not to say	2	0.94	0.23	FAL: 24, TRU: 7

skim_variable	gender	n_missing	complete_rate	mean	count
at_home_espresso	NA	107	0.79	0.37	FAL: 258, TRU: 154
at_home_coffee_brewing_machine	Female	98	0.89	0.24	FAL: 573, TRU: 182
at_home_coffee_brewing_machine	Male	167	0.93	0.17	FAL: 1960, TRU: 397
at_home_coffee_brewing_machine	Non-binary	7	0.93	0.12	FAL: 84, TRU: 12
at_home_coffee_brewing_machine	Other (please specify)	0	1.00	0.10	FAL: 9, TRU: 1
at_home_coffee_brewing_machine	Prefer not to say	2	0.94	0.13	FAL: 27, TRU: 4
at_home_coffee_brewing_machine	NA	107	0.79	0.16	FAL: 345, TRU: 67
at_home_pod_or_capsule_machine	Female	98	0.89	0.14	FAL: 650, TRU: 105
at_home_pod_or_capsule_machine	Male	167	0.93	0.07	FAL: 2183, TRU: 174
at_home_pod_or_capsule_machine	Non-binary	7	0.93	0.05	FAL: 91, TRU: 5
at_home_pod_or_capsule_machine	Other (please specify)	0	1.00	0.00	FAL: 10
at_home_pod_or_capsule_machine	Prefer not to say	2	0.94	0.10	FAL: 28, TRU: 3
at_home_pod_or_capsule_machine	NA	107	0.79	0.12	FAL: 363, TRU: 49
at_home_instant_coffee	Female	98	0.89	0.05	FAL: 720, TRU: 35
at_home_instant_coffee	Male	167	0.93	0.03	FAL: 2291, TRU: 66
at_home_instant_coffee	Non-binary	7	0.93	0.08	FAL: 88, TRU: 8
at_home_instant_coffee	Other (please specify)	0	1.00	0.10	FAL: 9, TRU: 1
at_home_instant_coffee	Prefer not to say	2	0.94	0.10	FAL: 28, TRU: 3
at_home_instant_coffee	NA	107	0.79	0.04	FAL: 395, TRU: 17
at_home_bean-to-cup_machine	Female	98	0.89	0.03	FAL: 730, TRU: 25

skim_variable	gender	n_missing	complete_rate	mean	count
at_home_bean-to-cup_machine	Male	167	0.93	0.02	FAL: 2314, TRU: 43
at_home_bean-to-cup_machine	Non-binary	7	0.93	0.04	FAL: 92, TRU: 4
at_home_bean-to-cup_machine	Other (please specify)	0	1.00	0.10	FAL: 9, TRU: 1
at_home_bean-to-cup_machine	Prefer not to say	2	0.94	0.03	FAL: 30, TRU: 1
at_home_bean-to-cup_machine	NA	107	0.79	0.02	FAL: 402, TRU: 10
at_home_cold_brew	Female	98	0.89	0.15	FAL: 645, TRU: 110
at_home_cold_brew	Male	167	0.93	0.14	FAL: 2030, TRU: 327
at_home_cold_brew	Non-binary	7	0.93	0.24	FAL: 73, TRU: 23
at_home_cold_brew	Other (please specify)	0	1.00	0.10	FAL: 9, TRU: 1
at_home_cold_brew	Prefer not to say	2	0.94	0.13	FAL: 27, TRU: 4
at_home_cold_brew	NA	107	0.79	0.15	FAL: 352, TRU: 60
at_home_coffee_extract	Female	98	0.89	0.06	FAL: 710, TRU: 45
at_home_coffee_extract	Male	167	0.93	0.05	FAL: 2247, TRU: 110
at_home_coffee_extract	Non-binary	7	0.93	0.02	FAL: 94, TRU: 2
at_home_coffee_extract	Other (please specify)	0	1.00	0.00	FAL: 10
at_home_coffee_extract	Prefer not to say	2	0.94	0.10	FAL: 28, TRU: 3
at_home_coffee_extract	NA	107	0.79	0.06	FAL: 386, TRU: 26
at_home_other	Female	98	0.89	0.14	FAL: 650, TRU: 105
at_home_other	Male	167	0.93	0.20	FAL: 1880, TRU: 477
at_home_other	Non-binary	7	0.93	0.21	FAL: 76, TRU: 20

skim_variable	gender	n_missing	complete_rate	mean	count
at_home_other	Other (please specify)	0	1.00	0.20	FAL: 8, TRU: 2
at_home_other	Prefer not to say	2	0.94	0.19	FAL: 25, TRU: 6
at_home_other	NA	107	0.79	0.16	FAL: 345, TRU: 67
purchase_national_chain	Female	657	0.23	0.56	TRU: 110, FAL: 86
purchase_national_chain	Male	2114	0.16	0.41	FAL: 240, TRU: 170
purchase_national_chain	Non-binary	79	0.23	0.50	FAL: 12, TRU: 12
purchase_national_chain	Other (please specify)	9	0.10	1.00	TRU: 1
purchase_national_chain	Prefer not to say	26	0.21	0.29	FAL: 5, TRU: 2
purchase_national_chain	NA	434	0.16	0.40	FAL: 51, TRU: 34
purchase_local_cafe	Female	657	0.23	0.58	TRU: 114, FAL: 82
purchase_local_cafe	Male	2114	0.16	0.52	TRU: 214, FAL: 196
purchase_local_cafe	Non-binary	79	0.23	0.71	TRU: 17, FAL: 7
purchase_local_cafe	Other (please specify)	9	0.10	1.00	TRU: 1
purchase_local_cafe	Prefer not to say	26	0.21	0.57	TRU: 4, FAL: 3
purchase_local_cafe	NA	434	0.16	0.49	FAL: 43, TRU: 42
purchase_drive-thru	Female	657	0.23	0.17	FAL: 163, TRU: 33
purchase_drive-thru	Male	2114	0.16	0.12	FAL: 359, TRU: 51
purchase_drive-thru	Non-binary	79	0.23	0.12	FAL: 21, TRU: 3
purchase_drive-thru	Other (please specify)	9	0.10	0.00	FAL: 1
purchase_drive-thru	Prefer not to say	26	0.21	0.14	FAL: 6, TRU: 1

skim_variable	gender	n_missing	complete_rate	mean	count
purchase_drive-thru	NA	434	0.16	0.08	FAL: 78, TRU: 7
purchase_specialty_coffee_shop	Female	657	0.23	0.51	TRU: 99, FAL: 97
purchase_specialty_coffee_shop	Male	2114	0.16	0.65	TRU: 268, FAL: 142
purchase_specialty_coffee_shop	Non-binary	79	0.23	0.67	TRU: 16, FAL: 8
purchase_specialty_coffee_shop	Other (please specify)	9	0.10	0.00	FAL: 1
purchase_specialty_coffee_shop	Prefer not to say	26	0.21	0.71	TRU: 5, FAL: 2
purchase_specialty_coffee_shop	NA	434	0.16	0.59	TRU: 50, FAL: 35
purchase_deli_or_supermarket	Female	657	0.23	0.08	FAL: 180, TRU: 16
purchase_deli_or_supermarket	Male	2114	0.16	0.06	FAL: 386, TRU: 24
purchase_deli_or_supermarket	Non-binary	79	0.23	0.08	FAL: 22, TRU: 2
purchase_deli_or_supermarket	Other (please specify)	9	0.10	0.00	FAL: 1
purchase_deli_or_supermarket	Prefer not to say	26	0.21	0.00	FAL: 7
purchase_deli_or_supermarket	NA	434	0.16	0.08	FAL: 78, TRU: 7
purchase_other	Female	657	0.23	0.02	FAL: 193, TRU: 3
purchase_other	Male	2114	0.16	0.05	FAL: 389, TRU: 21
purchase_other	Non-binary	79	0.23	0.04	FAL: 23, TRU: 1
purchase_other	Other (please specify)	9	0.10	0.00	FAL: 1
purchase_other	Prefer not to say	26	0.21	0.00	FAL: 7
purchase_other	NA	434	0.16	0.11	FAL: 76, TRU: 9
add_to_none	Female	0	1.00	0.40	FAL: 510, TRU: 343

skim_variable	gender	n_missing	complete_rate	mean	count
add_to_none	Male	0	1.00	0.76	TRU: 1907, FAL: 617
add_to_none	Non-binary	0	1.00	0.61	TRU: 63, FAL: 40
add_to_none	Other (please specify)	0	1.00	0.60	TRU: 6, FAL: 4
add_to_none	Prefer not to say	0	1.00	0.58	TRU: 19, FAL: 14
add_to_none	NA	82	0.84	0.62	TRU: 273, FAL: 164
add_to_milk	Female	0	1.00	0.66	TRU: 563, FAL: 290
add_to_milk	Male	0	1.00	0.34	FAL: 1654, TRU: 870
add_to_milk	Non-binary	0	1.00	0.53	TRU: 55, FAL: 48
add_to_milk	Other (please specify)	0	1.00	0.60	TRU: 6, FAL: 4
add_to_milk	Prefer not to say	0	1.00	0.48	FAL: 17, TRU: 16
add_to_milk	NA	82	0.84	0.43	FAL: 247, TRU: 190
add_to_sugar_or_sweetener	Female	0	1.00	0.20	FAL: 686, TRU: 167
add_to_sugar_or_sweetener	Male	0	1.00	0.10	FAL: 2283, TRU: 241
add_to_sugar_or_sweetener	Non-binary	0	1.00	0.25	FAL: 77, TRU: 26
add_to_sugar_or_sweetener	Other (please specify)	0	1.00	0.10	FAL: 9, TRU: 1
add_to_sugar_or_sweetener	Prefer not to say	0	1.00	0.15	FAL: 28, TRU: 5
add_to_sugar_or_sweetener	NA	82	0.84	0.17	FAL: 362, TRU: 75
add_to_flavor_syrup	Female	0	1.00	0.11	FAL: 756, TRU: 97
add_to_flavor_syrup	Male	0	1.00	0.03	FAL: 2442, TRU: 82
add_to_flavor_syrup	Non-binary	0	1.00	0.19	FAL: 83, TRU: 20

skim_variable	gender	n_missing	complete_rate	mean	count
add_to_flavor_syrup	Other (please specify)	0	1.00	0.20	FAL: 8, TRU: 2
add_to_flavor_syrup	Prefer not to say	0	1.00	0.03	FAL: 32, TRU: 1
add_to_flavor_syrup	NA	82	0.84	0.07	FAL: 408, TRU: 29
add_to_other	Female	0	1.00	0.02	FAL: 838, TRU: 15
add_to_other	Male	0	1.00	0.01	FAL: 2504, TRU: 20
add_to_other	Non-binary	0	1.00	0.02	FAL: 101, TRU: 2
add_to_other	Other (please specify)	0	1.00	0.00	FAL: 10
add_to_other	Prefer not to say	0	1.00	0.03	FAL: 32, TRU: 1
add_to_other	NA	82	0.84	0.02	FAL: 429, TRU: 8
dairy_add_whole_milk	Female	288	0.66	0.42	FAL: 329, TRU: 236
dairy_add_whole_milk	Male	1644	0.35	0.56	TRU: 496, FAL: 384
dairy_add_whole_milk	Non-binary	48	0.53	0.40	FAL: 33, TRU: 22
dairy_add_whole_milk	Other (please specify)	4	0.60	0.83	TRU: 5, FAL: 1
dairy_add_whole_milk	Prefer not to say	17	0.48	0.69	TRU: 11, FAL: 5
dairy_add_whole_milk	NA	342	0.34	0.44	FAL: 100, TRU: 77
dairy_add_skim_milk	Female	288	0.66	0.08	FAL: 518, TRU: 47
dairy_add_skim_milk	Male	1644	0.35	0.07	FAL: 817, TRU: 63
dairy_add_skim_milk	Non-binary	48	0.53	0.07	FAL: 51, TRU: 4
dairy_add_skim_milk	Other (please specify)	4	0.60	0.00	FAL: 6
dairy_add_skim_milk	Prefer not to say	17	0.48	0.12	FAL: 14, TRU: 2

skim_variable	gender	n_missing	complete_rate	mean	count
dairy_add_skim_milk	NA	342	0.34	0.11	FAL: 158, TRU: 19
dairy_add_half_and_half	Female	288	0.66	0.24	FAL: 428, TRU: 137
dairy_add_half_and_half	Male	1644	0.35	0.23	FAL: 680, TRU: 200
dairy_add_half_and_half	Non-binary	48	0.53	0.29	FAL: 39, TRU: 16
dairy_add_half_and_half	Other (please specify)	4	0.60	0.17	FAL: 5, TRU: 1
dairy_add_half_and_half	Prefer not to say	17	0.48	0.44	FAL: 9, TRU: 7
dairy_add_half_and_half	NA	342	0.34	0.24	FAL: 134, TRU: 43
dairy_add_coffee_creamer	Female	288	0.66	0.10	FAL: 510, TRU: 55
dairy_add_coffee_creamer	Male	1644	0.35	0.07	FAL: 814, TRU: 66
dairy_add_coffee_creamer	Non-binary	48	0.53	0.09	FAL: 50, TRU: 5
dairy_add_coffee_creamer	Other (please specify)	4	0.60	0.17	FAL: 5, TRU: 1
dairy_add_coffee_creamer	Prefer not to say	17	0.48	0.06	FAL: 15, TRU: 1
dairy_add_coffee_creamer	NA	342	0.34	0.12	FAL: 156, TRU: 21
dairy_add_flavored_coffee_creamer	Female	288	0.66	0.13	FAL: 493, TRU: 72
dairy_add_flavored_coffee_creamer	Male	1644	0.35	0.07	FAL: 814, TRU: 66
dairy_add_flavored_coffee_creamer	Non-binary	48	0.53	0.07	FAL: 51, TRU: 4
dairy_add_flavored_coffee_creamer	Other (please specify)	4	0.60	0.17	FAL: 5, TRU: 1
dairy_add_flavored_coffee_creamer	Prefer not to say	17	0.48	0.19	FAL: 13, TRU: 3
dairy_add_flavored_coffee_creamer	NA	342	0.34	0.09	FAL: 161, TRU: 16
dairy_add_oat_milk	Female	288	0.66	0.32	FAL: 382, TRU: 183

skim_variable	gender	n_missing	complete_rate	mean	count
dairy_add_oat_milk	Male	1644	0.35	0.27	FAL: 644, TRU: 236
dairy_add_oat_milk	Non-binary	48	0.53	0.55	TRU: 30, FAL: 25
dairy_add_oat_milk	Other (please specify)	4	0.60	0.33	FAL: 4, TRU: 2
dairy_add_oat_milk	Prefer not to say	17	0.48	0.12	FAL: 14, TRU: 2
dairy_add_oat_milk	NA	342	0.34	0.33	FAL: 119, TRU: 58
dairy_add_almond_milk	Female	288	0.66	0.12	FAL: 499, TRU: 66
dairy_add_almond_milk	Male	1644	0.35	0.07	FAL: 819, TRU: 61
dairy_add_almond_milk	Non-binary	48	0.53	0.11	FAL: 49, TRU: 6
dairy_add_almond_milk	Other (please specify)	4	0.60	0.00	FAL: 6
dairy_add_almond_milk	Prefer not to say	17	0.48	0.19	FAL: 13, TRU: 3
dairy_add_almond_milk	NA	342	0.34	0.05	FAL: 168, TRU: 9
dairy_add_soy_milk	Female	288	0.66	0.07	FAL: 526, TRU: 39
dairy_add_soy_milk	Male	1644	0.35	0.03	FAL: 850, TRU: 30
dairy_add_soy_milk	Non-binary	48	0.53	0.09	FAL: 50, TRU: 5
dairy_add_soy_milk	Other (please specify)	4	0.60	0.00	FAL: 6
dairy_add_soy_milk	Prefer not to say	17	0.48	0.06	FAL: 15, TRU: 1
dairy_add_soy_milk	NA	342	0.34	0.03	FAL: 171, TRU: 6
dairy_add_other	Female	288	0.66	0.00	FAL: 565
dairy_add_other	Male	1644	0.35	0.00	FAL: 880
dairy_add_other	Non-binary	48	0.53	0.00	FAL: 55
dairy_add_other	Other (please specify)	4	0.60	0.00	FAL: 6
dairy_add_other	Prefer not to say	17	0.48	0.00	FAL: 16

skim_variable	gender	n_missing	complete_rate	mean	count
dairy_add_other	NA	342	0.34	0.00	FAL: 177
sugar_sweetener_add_granulated_sugar	Female	685	0.20	0.52	TRU: 87, FAL: 81
sugar_sweetener_add_granulated_sugar	Male	2278	0.10	0.61	TRU: 151, FAL: 95
sugar_sweetener_add_granulated_sugar	Non-binary	76	0.26	0.48	FAL: 14, TRU: 13
sugar_sweetener_add_granulated_sugar	Other (please specify)	9	0.10	1.00	TRU: 1
sugar_sweetener_add_granulated_sugar	Prefer not to say	28	0.15	0.80	TRU: 4, FAL: 1
sugar_sweetener_add_granulated_sugar	NA	449	0.13	0.53	TRU: 37, FAL: 33
sugar_sweetener_add_artificial_sweeteners	Female	685	0.20	0.18	FAL: 137, TRU: 31
sugar_sweetener_add_artificial_sweeteners	Male	2278	0.10	0.18	FAL: 202, TRU: 44
sugar_sweetener_add_artificial_sweeteners	Non-binary	76	0.26	0.11	FAL: 24, TRU: 3
sugar_sweetener_add_artificial_sweeteners	Other (please specify)	9	0.10	0.00	FAL: 1
sugar_sweetener_add_artificial_sweeteners	Prefer not to say	28	0.15	0.00	FAL: 5
sugar_sweetener_add_artificial_sweeteners	NA	449	0.13	0.19	FAL: 57, TRU: 13
sugar_sweetener_add_honey	Female	685	0.20	0.14	FAL: 145, TRU: 23
sugar_sweetener_add_honey	Male	2278	0.10	0.13	FAL: 215, TRU: 31
sugar_sweetener_add_honey	Non-binary	76	0.26	0.22	FAL: 21, TRU: 6
sugar_sweetener_add_honey	Other (please specify)	9	0.10	0.00	FAL: 1
sugar_sweetener_add_honey	Prefer not to say	28	0.15	0.00	FAL: 5
sugar_sweetener_add_honey	NA	449	0.13	0.14	FAL: 60, TRU: 10
sugar_sweetener_add_maple_syrup	Female	685	0.20	0.11	FAL: 150, TRU: 18
sugar_sweetener_add_maple_syrup	Male	2278	0.10	0.04	FAL: 236, TRU: 10

skim_variable	gender	n_missing	complete_rate	mean	count
sugar_sweetener_add_maple_syrup	Non-binary	76	0.26	0.11	FAL: 24, TRU: 3
sugar_sweetener_add_maple_syrup	Other (please specify)	9	0.10	1.00	TRU: 1
sugar_sweetener_add_maple_syrup	Prefer not to say	28	0.15	0.00	FAL: 5
sugar_sweetener_add_maple_syrup	NA	449	0.13	0.07	FAL: 65, TRU: 5
sugar_sweetener_add_stevia	Female	685	0.20	0.12	FAL: 147, TRU: 21
sugar_sweetener_add_stevia	Male	2278	0.10	0.09	FAL: 223, TRU: 23
sugar_sweetener_add_stevia	Non-binary	76	0.26	0.04	FAL: 26, TRU: 1
sugar_sweetener_add_stevia	Other (please specify)	9	0.10	0.00	FAL: 1
sugar_sweetener_add_stevia	Prefer not to say	28	0.15	0.00	FAL: 5
sugar_sweetener_add_stevia	NA	449	0.13	0.09	FAL: 64, TRU: 6
sugar_sweetener_add_agave_nectar	Female	685	0.20	0.04	FAL: 162, TRU: 6
sugar_sweetener_add_agave_nectar	Male	2278	0.10	0.02	FAL: 240, TRU: 6
sugar_sweetener_add_agave_nectar	Non-binary	76	0.26	0.00	FAL: 27
sugar_sweetener_add_agave_nectar	Other (please specify)	9	0.10	0.00	FAL: 1
sugar_sweetener_add_agave_nectar	Prefer not to say	28	0.15	0.00	FAL: 5
sugar_sweetener_add_agave_nectar	NA	449	0.13	0.04	FAL: 67, TRU: 3
sugar_sweetener_add_brown_sugar	Female	685	0.20	0.17	FAL: 139, TRU: 29
sugar_sweetener_add_brown_sugar	Male	2278	0.10	0.12	FAL: 217, TRU: 29
sugar_sweetener_add_brown_sugar	Non-binary	76	0.26	0.22	FAL: 21, TRU: 6
sugar_sweetener_add_brown_sugar	Other (please specify)	9	0.10	0.00	FAL: 1
sugar_sweetener_add_brown_sugar	Prefer not to say	28	0.15	0.20	FAL: 4, TRU: 1

skim_variable	gender	n_missing	complete_rate	mean	count
sugar_sweetener_add_brown_sugar	NA	449	0.13	0.13	FAL: 61, TRU: 9
sugar_sweetener_add_raw_sugar	Female	685	0.20	0.17	FAL: 139, TRU: 29
sugar_sweetener_add_raw_sugar	Male	2278	0.10	0.25	FAL: 184, TRU: 62
sugar_sweetener_add_raw_sugar	Non-binary	76	0.26	0.41	FAL: 16, TRU: 11
sugar_sweetener_add_raw_sugar	Other (please specify)	9	0.10	0.00	FAL: 1
sugar_sweetener_add_raw_sugar	Prefer not to say	28	0.15	0.20	FAL: 4, TRU: 1
sugar_sweetener_add_raw_sugar	NA	449	0.13	0.19	FAL: 57, TRU: 13
other_flavoring	Female	853	0.00	NaN	:
other_flavoring	Male	2524	0.00	NaN	:
other_flavoring	Non-binary	103	0.00	NaN	:
other_flavoring	Other (please specify)	10	0.00	NaN	:
other_flavoring	Prefer not to say	33	0.00	NaN	:
other_flavoring	NA	519	0.00	NaN	:
reason_it_tastes_good	Female	4	1.00	0.87	TRU: 737, FAL: 112
reason_it_tastes_good	Male	3	1.00	0.96	TRU: 2430, FAL: 91
reason_it_tastes_good	Non-binary	0	1.00	0.97	TRU: 100, FAL: 3
reason_it_tastes_good	Other (please specify)	1	0.90	1.00	TRU: 9
reason_it_tastes_good	Prefer not to say	0	1.00	0.88	TRU: 29, FAL: 4
reason_it_tastes_good	NA	464	0.11	0.91	TRU: 50, FAL: 5
reason_i_need_the_caffeine	Female	4	1.00	0.60	TRU: 506, FAL: 343
reason_i_need_the_caffeine	Male	3	1.00	0.56	TRU: 1408, FAL: 1113
reason_i_need_the_caffeine	Non-binary	0	1.00	0.52	TRU: 54, FAL: 49

skim_variable	gender	n_missing	complete_rate	mean	count
reason_i_need_the_caffeine	Other (please specify)	1	0.90	0.67	TRU: 6, FAL: 3
reason_i_need_the_caffeine	Prefer not to say	0	1.00	0.55	TRU: 18, FAL: 15
reason_i_need_the_caffeine	NA	464	0.11	0.53	TRU: 29, FAL: 26
reason_i_need_the_ritual	Female	4	1.00	0.48	FAL: 442, TRU: 407
reason_i_need_the_ritual	Male	3	1.00	0.56	TRU: 1410, FAL: 1111
reason_i_need_the_ritual	Non-binary	0	1.00	0.53	TRU: 55, FAL: 48
reason_i_need_the_ritual	Other (please specify)	1	0.90	0.67	TRU: 6, FAL: 3
reason_i_need_the_ritual	Prefer not to say	0	1.00	0.64	TRU: 21, FAL: 12
reason_i_need_the_ritual	NA	464	0.11	0.42	FAL: 32, TRU: 23
reason_it_makes_me_go_to_the_bathroom	Female	4	1.00	0.15	FAL: 724, TRU: 125
reason_it_makes_me_go_to_the_bathroom	Male	3	1.00	0.12	FAL: 2206, TRU: 315
reason_it_makes_me_go_to_the_bathroom	Non-binary	0	1.00	0.17	FAL: 86, TRU: 17
reason_it_makes_me_go_to_the_bathroom	Other (please specify)	1	0.90	0.22	FAL: 7, TRU: 2
reason_it_makes_me_go_to_the_bathroom	Prefer not to say	0	1.00	0.09	FAL: 30, TRU: 3
reason_it_makes_me_go_to_the_bathroom	NA	464	0.11	0.05	FAL: 52, TRU: 3
reason_other	Female	4	1.00	0.06	FAL: 798, TRU: 51
reason_other	Male	3	1.00	0.04	FAL: 2424, TRU: 97
reason_other	Non-binary	0	1.00	0.12	FAL: 91, TRU: 12
reason_other	Other (please specify)	1	0.90	0.22	FAL: 7, TRU: 2
reason_other	Prefer not to say	0	1.00	0.06	FAL: 31, TRU: 2

skim_variable	gender	n_missing	complete_rate	mean	count
reason_other	NA	464	0.11	0.07	FAL: 51, TRU: 4

Variable type: numeric

skim_variable	gender	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
own_coffee_expertise	Female	0	1.00	4.58	2.04	1	3.00	5.0	6.00	10	
own_coffee_expertise	Male	0	1.00	6.10	1.74	1	5.00	6.0	7.00	10	
own_coffee_expertise	Non-binary	0	1.00	5.43	1.95	1	4.00	6.0	7.00	9	
own_coffee_expertise	Other (please specify)	0	1.00	6.00	2.71	3	3.25	6.0	8.00	10	
own_coffee_expertise	Prefer not to say	0	1.00	5.67	2.37	1	4.00	6.0	8.00	9	
own_coffee_expertise	NA	104	0.80	5.54	2.01	1	4.00	6.0	7.00	10	
coffee_a_-_bitterness	Female	0	1.00	2.22	1.04	1	1.00	2.0	3.00	5	
coffee_a_-_bitterness	Male	0	1.00	2.10	0.91	1	1.00	2.0	3.00	5	
coffee_a_-_bitterness	Non-binary	0	1.00	2.07	0.96	1	1.00	2.0	3.00	5	
coffee_a_-_bitterness	Other (please specify)	0	1.00	1.70	0.95	1	1.00	1.0	2.75	3	
coffee_a_-_bitterness	Prefer not to say	0	1.00	2.18	1.04	1	1.00	2.0	3.00	4	
coffee_a_-_bitterness	NA	244	0.53	2.26	0.97	1	2.00	2.0	3.00	5	
coffee_a_-_acidity	Female	0	1.00	3.60	1.04	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	Male	2	1.00	3.66	0.95	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	Non-binary	0	1.00	3.71	0.89	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	Other (please specify)	0	1.00	2.60	1.07	1	2.00	3.0	3.00	4	
coffee_a_-_acidity	Prefer not to say	0	1.00	3.42	1.09	1	3.00	4.0	4.00	5	

skim_variable	gender	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_a_-_acidity	NA	261	0.50	3.49	1.07	1	3.00	4.0	4.00	5	
coffee_a_-_personal_preference	Female	0	1.00	3.05	1.25	1	2.00	3.0	4.00	5	
coffee_a_-_personal_preference	Male	0	1.00	3.41	1.15	1	3.00	4.0	4.00	5	
coffee_a_-_personal_preference	Non-binary	0	1.00	3.17	1.20	1	2.00	3.0	4.00	5	
coffee_a_-_personal_preference	Other (please specify)	0	1.00	2.90	1.73	1	1.25	2.5	4.75	5	
coffee_a_-_personal_preference	Prefer not to say	1	0.97	3.25	1.32	1	2.00	3.0	4.25	5	
coffee_a_-_personal_preference	NA	252	0.51	3.24	1.17	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	Female	0	1.00	2.93	1.00	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	Male	0	1.00	3.04	0.99	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	Non-binary	0	1.00	3.04	0.96	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	Other (please specify)	0	1.00	3.40	1.07	1	3.00	3.5	4.00	5	
coffee_b_-_bitterness	Prefer not to say	0	1.00	2.85	1.06	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	NA	262	0.50	3.04	0.98	1	2.00	3.0	4.00	5	
coffee_b_-_acidity	Female	0	1.00	2.34	0.91	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	Male	1	1.00	2.18	0.84	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	Non-binary	0	1.00	2.14	0.80	1	2.00	2.0	3.00	4	
coffee_b_-_acidity	Other (please specify)	0	1.00	1.90	0.99	1	1.00	2.0	2.00	4	
coffee_b_-_acidity	Prefer not to say	0	1.00	2.27	0.88	1	2.00	2.0	3.00	4	
coffee_b_-_acidity	NA	274	0.47	2.37	0.96	1	2.00	2.0	3.00	5	

skim_variable	gender	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_b_personal_preference	Female	0	1.00	3.21	1.17	1	2.00	3.0	4.00	5	
coffee_b_personal_preference	Male	0	1.00	3.03	1.08	1	2.00	3.0	4.00	5	
coffee_b_personal_preference	Non-binary	0	1.00	2.94	1.15	1	2.00	3.0	4.00	5	
coffee_b_personal_preference	Other (please specify)	0	1.00	2.50	1.35	1	2.00	2.0	3.50	5	
coffee_b_personal_preference	Prefer not to say	0	1.00	3.12	1.08	1	3.00	3.0	4.00	5	
coffee_b_personal_preference	NA	269	0.48	3.03	1.15	1	2.00	3.0	4.00	5	
coffee_c_bitterness	Female	0	1.00	3.00	1.01	1	2.00	3.0	4.00	5	
coffee_c_bitterness	Male	0	1.00	3.09	0.99	1	2.00	3.0	4.00	5	
coffee_c_bitterness	Non-binary	0	1.00	2.99	1.00	1	2.00	3.0	4.00	5	
coffee_c_bitterness	Other (please specify)	0	1.00	2.70	0.95	1	2.00	3.0	3.00	4	
coffee_c_bitterness	Prefer not to say	0	1.00	3.15	1.30	1	2.00	3.0	4.00	5	
coffee_c_bitterness	NA	278	0.46	3.16	0.96	1	2.00	3.0	4.00	5	
coffee_c_acidity	Female	0	1.00	2.46	0.94	1	2.00	2.0	3.00	5	
coffee_c_acidity	Male	1	1.00	2.32	0.90	1	2.00	2.0	3.00	5	
coffee_c_acidity	Non-binary	0	1.00	2.40	0.89	1	2.00	2.0	3.00	4	
coffee_c_acidity	Other (please specify)	0	1.00	2.50	0.85	1	2.00	2.5	3.00	4	
coffee_c_acidity	Prefer not to say	0	1.00	2.27	1.07	1	1.00	2.0	3.00	5	
coffee_c_acidity	NA	290	0.44	2.50	1.01	1	2.00	2.0	3.00	5	
coffee_c_personal_preference	Female	0	1.00	3.20	1.16	1	2.00	3.0	4.00	5	

skim_variable	gender	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_c_personal_preference	Male	0	1.00	3.01	1.11	1	2.00	3.0	4.00	5	
coffee_c_personal_preference	Non-binary	0	1.00	2.97	1.13	1	2.00	3.0	4.00	5	
coffee_c_personal_preference	Other (please specify)	0	1.00	2.50	1.08	1	2.00	2.5	3.00	4	
coffee_c_personal_preference	Prefer not to say	0	1.00	2.94	1.30	1	2.00	3.0	4.00	5	
coffee_c_personal_preference	NA	276	0.47	3.22	1.13	1	2.00	3.0	4.00	5	
coffee_d_bitterness	Female	0	1.00	2.38	1.20	1	1.00	2.0	3.00	5	
coffee_d_bitterness	Male	0	1.00	2.09	1.03	1	1.00	2.0	3.00	5	
coffee_d_bitterness	Non-binary	0	1.00	1.95	0.96	1	1.00	2.0	2.00	5	
coffee_d_bitterness	Other (please specify)	0	1.00	1.90	1.10	1	1.00	1.5	2.75	4	
coffee_d_bitterness	Prefer not to say	0	1.00	1.97	0.88	1	1.00	2.0	2.00	4	
coffee_d_bitterness	NA	275	0.47	2.25	1.12	1	1.00	2.0	3.00	5	
coffee_d_acidity	Female	0	1.00	3.87	1.07	1	3.00	4.0	5.00	5	
coffee_d_acidity	Male	0	1.00	3.87	0.98	1	3.00	4.0	5.00	5	
coffee_d_acidity	Non-binary	0	1.00	3.89	0.98	1	3.00	4.0	5.00	5	
coffee_d_acidity	Other (please specify)	0	1.00	4.00	1.49	1	3.25	5.0	5.00	5	
coffee_d_acidity	Prefer not to say	0	1.00	3.73	0.91	2	3.00	4.0	4.00	5	
coffee_d_acidity	NA	277	0.47	3.70	1.08	1	3.00	4.0	5.00	5	
coffee_d_personal_preference	Female	0	1.00	2.80	1.49	1	1.00	3.0	4.00	5	
coffee_d_personal_preference	Male	1	1.00	3.57	1.39	1	2.00	4.0	5.00	5	

skim_variable	gender	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_d_-_personal_preference	Non-binary	0	1.00	3.68	1.40	1	3.00	4.0	5.00	5	
coffee_d_-_personal_preference	Other (please specify)	0	1.00	3.50	1.27	1	3.00	4.0	4.00	5	
coffee_d_-_personal_preference	Prefer not to say	0	1.00	3.42	1.56	1	2.00	4.0	5.00	5	
coffee_d_-_personal_preference	NA	277	0.47	3.28	1.41	1	2.00	4.0	4.75	5	

-More males than females and other genders -Most popular age group is 25-34 years old, with 35-44 as second highest. -Most common race is overwhelmingly white. -Most common political party is Democrat by a large margin

Above 4 points tells us in general the demographics of people who took this survey - mostly middle aged white men affiliated with Democratic party

-Could assess relationship between caffeine, roast_level, best_described_before, add_to_* and own_expertise to see how experience affects preferences, and if perceived preferences matches with actual preferences (as shown in the actual taste test results) -The ratio of satisfied to unsatisfied of getting good value for money is about the same for males and females, but nonbinary people have a higher ratio (also very likely because less sample)

```
coffee_clean_factors |>
  group_by(own_coffee_expertise) |>
skim()
```

Table 11: Data summary

Name	group_by(coffee_clean_fac…
Number of rows	4042
Number of columns	98
_____	
Column type frequency:	
character	15
factor	21
logical	49
numeric	12
_____	
Group variables	own_coffee_expertise

Variable type: character

skim_variable	own_coffee_exp	n_missing	complete_rate	min	max	empty	n_unique	whitespace
submission_id	1	0	1.00	6	6	0	155	0
submission_id	2	0	1.00	6	6	0	166	0
submission_id	3	0	1.00	6	6	0	273	0
submission_id	4	0	1.00	6	6	0	356	0
submission_id	5	0	1.00	6	6	0	580	0
submission_id	6	0	1.00	6	6	0	851	0
submission_id	7	0	1.00	6	6	0	939	0
submission_id	8	0	1.00	6	6	0	490	0
submission_id	9	0	1.00	6	6	0	88	0
submission_id	10	0	1.00	6	6	0	40	0
submission_id	NA	0	1.00	6	6	0	104	0
how_else_at_home	1	144	0.07	8	59	0	8	0
how_else_at_home	2	146	0.12	7	29	0	10	0
how_else_at_home	3	237	0.13	8	39	0	9	0
how_else_at_home	4	304	0.15	6	32	0	19	0
how_else_at_home	5	477	0.18	4	105	0	37	0
how_else_at_home	6	683	0.20	4	319	0	49	0
how_else_at_home	7	749	0.20	4	74	0	56	0
how_else_at_home	8	411	0.16	2	55	0	35	0
how_else_at_home	9	81	0.08	8	31	0	4	0
how_else_at_home	10	35	0.12	8	19	0	4	0
how_else_at_home	NA	97	0.07	9	20	0	6	0
where_else_purchase_coffee	1	155	0.00	NA	NA	0	0	0
where_else_purchase_coffee	2	166	0.00	NA	NA	0	0	0
where_else_purchase_coffee	3	269	0.01	6	15	0	4	0
where_else_purchase_coffee	4	352	0.01	11	34	0	4	0
where_else_purchase_coffee	5	578	0.00	11	41	0	2	0
where_else_purchase_coffee	6	844	0.01	4	24	0	7	0
where_else_purchase_coffee	7	930	0.01	5	83	0	8	0
where_else_purchase_coffee	8	487	0.01	8	60	0	3	0
where_else_purchase_coffee	9	87	0.01	43	43	0	1	0
where_else_purchase_coffee	10	40	0.00	NA	NA	0	0	0
where_else_purchase_coffee	NA	103	0.01	4	4	0	1	0
favorite_coffee_drink	1	1	0.99	5	32	0	12	0
favorite_coffee_drink	2	2	0.99	5	32	0	12	0
favorite_coffee_drink	3	1	1.00	5	32	0	12	0
favorite_coffee_drink	4	0	1.00	5	32	0	12	0
favorite_coffee_drink	5	2	1.00	5	32	0	12	0
favorite_coffee_drink	6	3	1.00	5	32	0	12	0

skim_variable	own_coffee_expertise	n_missing	complete_rate	min	max	emptyn_unique	whitespace
favorite_coffee_drink	7	0	1.00	5	32	0	12	0
favorite_coffee_drink	8	1	1.00	5	32	0	12	0
favorite_coffee_drink	9	0	1.00	5	19	0	10	0
favorite_coffee_drink	10	1	0.98	5	19	0	6	0
favorite_coffee_drink	NA	51	0.51	5	19	0	11	0
favorite_coffee	1	144	0.07	3	30	0	11	0
favorite_coffee	2	159	0.04	8	21	0	7	0
favorite_coffee	3	271	0.01	9	9	0	2	0
favorite_coffee	4	345	0.03	8	32	0	11	0
favorite_coffee	5	560	0.03	4	54	0	15	0
favorite_coffee	6	833	0.02	3	64	0	17	0
favorite_coffee	7	912	0.03	5	90	0	19	0
favorite_coffee	8	475	0.03	9	37	0	14	0
favorite_coffee	9	85	0.03	9	92	0	3	0
favorite_coffee	10	40	0.00	NA	NA	0	0	0
favorite_coffee	NA	102	0.02	7	20	0	2	0
what_else_do_you_add_to_your_coffee?	1	148	0.05	3	140	0	7	0
what_else_do_you_add_to_your_coffee?	2	161	0.03	4	35	0	5	0
what_else_do_you_add_to_your_coffee?	3	271	0.01	8	119	0	2	0
what_else_do_you_add_to_your_coffee?	4	352	0.01	8	39	0	4	0
what_else_do_you_add_to_your_coffee?	5	570	0.02	4	101	0	10	0
what_else_do_you_add_to_your_coffee?	6	843	0.01	4	62	0	8	0
what_else_do_you_add_to_your_coffee?	7	933	0.01	8	48	0	5	0
what_else_do_you_add_to_your_coffee?	8	487	0.01	5	70	0	3	0
what_else_do_you_add_to_your_coffee?	9	87	0.01	63	63	0	1	0
what_else_do_you_add_to_your_coffee?	10	40	0.00	NA	NA	0	0	0
what_else_do_you_add_to_your_coffee?	NA	102	0.02	21	64	0	2	0
coffee_a_-_notes	1	74	0.52	4	377	0	78	0
coffee_a_-_notes	2	78	0.53	4	358	0	85	0
coffee_a_-_notes	3	118	0.57	3	171	0	149	0
coffee_a_-_notes	4	127	0.64	3	174	0	218	0
coffee_a_-_notes	5	216	0.63	4	271	0	341	0
coffee_a_-_notes	6	271	0.68	4	344	0	536	0
coffee_a_-_notes	7	284	0.70	4	367	0	631	0
coffee_a_-_notes	8	148	0.70	4	254	0	332	0
coffee_a_-_notes	9	32	0.64	6	194	0	56	0
coffee_a_-_notes	10	15	0.62	1	84	0	25	0
coffee_a_-_notes	NA	101	0.03	8	16	0	3	0
coffee_b_-_notes	1	85	0.45	2	175	0	69	0
coffee_b_-_notes	2	80	0.52	4	243	0	83	0
coffee_b_-_notes	3	121	0.56	4	235	0	144	0

skim_variable	own_coffee_exp	n_missing	complete_rate	min	max	empty	n_unique	whitespace
coffee_b_-_notes	4	138	0.61	3	980	0	207	0
coffee_b_-_notes	5	234	0.60	3	254	0	316	0
coffee_b_-_notes	6	302	0.65	1	352	0	505	0
coffee_b_-_notes	7	319	0.66	3	363	0	588	0
coffee_b_-_notes	8	156	0.68	3	358	0	321	0
coffee_b_-_notes	9	34	0.61	5	279	0	53	0
coffee_b_-_notes	10	15	0.62	1	101	0	25	0
coffee_b_-_notes	NA	102	0.02	13	21	0	2	0
coffee_c_-_notes	1	89	0.43	3	185	0	64	0
coffee_c_-_notes	2	91	0.45	4	196	0	75	0
coffee_c_-_notes	3	126	0.54	3	330	0	144	0
coffee_c_-_notes	4	141	0.60	3	307	0	202	0
coffee_c_-_notes	5	256	0.56	2	350	0	309	0
coffee_c_-_notes	6	317	0.63	3	249	0	512	0
coffee_c_-_notes	7	317	0.66	3	433	0	595	0
coffee_c_-_notes	8	168	0.66	3	438	0	313	0
coffee_c_-_notes	9	35	0.60	5	269	0	53	0
coffee_c_-_notes	10	17	0.58	1	113	0	23	0
coffee_c_-_notes	NA	102	0.02	25	26	0	2	0
coffee_d_-_notes	1	73	0.53	4	339	0	81	0
coffee_d_-_notes	2	72	0.57	4	318	0	89	0
coffee_d_-_notes	3	100	0.63	5	394	0	166	0
coffee_d_-_notes	4	128	0.64	2	528	0	216	0
coffee_d_-_notes	5	224	0.61	4	317	0	341	0
coffee_d_-_notes	6	277	0.67	4	359	0	546	0
coffee_d_-_notes	7	281	0.70	4	386	0	626	0
coffee_d_-_notes	8	150	0.69	4	349	0	330	0
coffee_d_-_notes	9	32	0.64	6	430	0	55	0
coffee_d_-_notes	10	15	0.62	1	159	0	25	0
coffee_d_-_notes	NA	102	0.02	31	32	0	2	0
prefer_between_abc	1	4	0.97	8	8	0	3	0
prefer_between_abc	2	6	0.96	8	8	0	3	0
prefer_between_abc	3	13	0.95	8	8	0	3	0
prefer_between_abc	4	14	0.96	8	8	0	3	0
prefer_between_abc	5	25	0.96	8	8	0	3	0
prefer_between_abc	6	36	0.96	8	8	0	3	0
prefer_between_abc	7	49	0.95	8	8	0	3	0
prefer_between_abc	8	16	0.97	8	8	0	3	0
prefer_between_abc	9	4	0.95	8	8	0	3	0
prefer_between_abc	10	4	0.90	8	8	0	3	0
prefer_between_abc	NA	99	0.05	8	8	0	3	0

skim_variable	own_coffee_expertise	n_missing	complete_rate	min	max	empty	n_unique	whitespace
prefer_between_ad	1	5	0.97	8	8	0	2	0
prefer_between_ad	2	7	0.96	8	8	0	2	0
prefer_between_ad	3	14	0.95	8	8	0	2	0
prefer_between_ad	4	16	0.96	8	8	0	2	0
prefer_between_ad	5	25	0.96	8	8	0	2	0
prefer_between_ad	6	39	0.95	8	8	0	2	0
prefer_between_ad	7	51	0.95	8	8	0	2	0
prefer_between_ad	8	17	0.97	8	8	0	2	0
prefer_between_ad	9	4	0.95	8	8	0	2	0
prefer_between_ad	10	4	0.90	8	8	0	2	0
prefer_between_ad	NA	99	0.05	8	8	0	2	0
favorite_overall_coffee	1	4	0.97	8	8	0	4	0
favorite_overall_coffee	2	7	0.96	8	8	0	4	0
favorite_overall_coffee	3	14	0.95	8	8	0	4	0
favorite_overall_coffee	4	13	0.96	8	8	0	4	0
favorite_overall_coffee	5	26	0.96	8	8	0	4	0
favorite_overall_coffee	6	35	0.96	8	8	0	4	0
favorite_overall_coffee	7	49	0.95	8	8	0	4	0
favorite_overall_coffee	8	16	0.97	8	8	0	4	0
favorite_overall_coffee	9	4	0.95	8	8	0	4	0
favorite_overall_coffee	10	4	0.90	8	8	0	4	0
favorite_overall_coffee	NA	100	0.04	8	8	0	3	0
where_work	1	16	0.90	18	26	0	3	0
where_work	2	22	0.87	18	26	0	3	0
where_work	3	32	0.88	18	26	0	3	0
where_work	4	53	0.85	18	26	0	3	0
where_work	5	64	0.89	18	26	0	3	0
where_work	6	75	0.91	18	26	0	3	0
where_work	7	101	0.89	18	26	0	3	0
where_work	8	36	0.93	18	26	0	3	0
where_work	9	10	0.89	18	26	0	3	0
where_work	10	5	0.88	18	26	0	3	0
where_work	NA	104	0.00	NA	NA	0	0	0
other_reason_for_drinking_coffee	1	126	0.19	6	194	0	28	0
other_reason_for_drinking_coffee	2	154	0.07	5	129	0	12	0
other_reason_for_drinking_coffee	3	262	0.04	5	109	0	11	0
other_reason_for_drinking_coffee	4	345	0.03	13	65	0	11	0
other_reason_for_drinking_coffee	5	558	0.04	6	195	0	22	0
other_reason_for_drinking_coffee	6	824	0.03	5	103	0	27	0
other_reason_for_drinking_coffee	7	909	0.03	2	162	0	30	0
other_reason_for_drinking_coffee	8	471	0.04	6	195	0	19	0

skim_variable	own_coffee_expertise	n_missing	complete_rate	min	max	empty	n_unique	whitespace
other_reason_for_drinking_coffee	9	84	0.05	18	80	0	4	0
other_reason_for_drinking_coffee	10	38	0.05	3	24	0	2	0
other_reason_for_drinking_coffee	NA	104	0.00	NA	NA	0	0	0

Variable type: factor

skim_variable	own_coffee_expertise	n_missing	complete_rate	ordered	n_unique	top_counts
age	1	1	0.99	FALSE	7	25-: 79, 35-: 24, 18-: 22, 45-: 11
age	2	1	0.99	FALSE	6	25-: 72, 35-: 40, 18-: 25, 45-: 12
age	3	0	1.00	FALSE	7	25-: 129, 35-: 58, 18-: 36, 45-: 17
age	4	0	1.00	FALSE	7	25-: 158, 35-: 80, 18-: 56, 45-: 33
age	5	1	1.00	FALSE	7	25-: 279, 35-: 123, 18-: 55, 45-: 55
age	6	2	1.00	FALSE	7	25-: 440, 35-: 213, 18-: 84, 45-: 64
age	7	1	1.00	FALSE	7	25-: 493, 35-: 230, 18-: 98, 45-: 58
age	8	1	1.00	FALSE	6	25-: 240, 35-: 139, 18-: 48, 45-: 41
age	9	0	1.00	FALSE	6	25-: 44, 35-: 29, 18-: 8, 45-: 4
age	10	1	0.98	FALSE	6	25-: 17, 35-: 12, 18-: 6, 45-: 2
age	NA	23	0.78	FALSE	7	25-: 35, 18-: 23, 35-: 12, 45-: 5
cups_of_coffee_per_day	1	0	1.00	FALSE	4	Les: 87, 1: 39, 2: 24, 3: 5
cups_of_coffee_per_day	2	2	0.99	FALSE	6	1: 67, Les: 43, 2: 43, 3: 9
cups_of_coffee_per_day	3	1	1.00	FALSE	6	1: 120, 2: 75, Les: 55, 3: 18
cups_of_coffee_per_day	4	5	0.99	FALSE	6	1: 140, 2: 138, Les: 36, 3: 29
cups_of_coffee_per_day	5	5	0.99	FALSE	6	2: 219, 1: 214, 3: 67, Les: 37

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
cups_of_coffee_per_day	6	13	0.98	FALSE	6	2: 383, 1: 262, 3: 109, Les: 43
cups_of_coffee_per_day	7	10	0.99	FALSE	6	2: 468, 1: 267, 3: 120, 4: 33
cups_of_coffee_per_day	8	4	0.99	FALSE	6	2: 222, 1: 132, 3: 86, 4: 19
cups_of_coffee_per_day	9	2	0.98	FALSE	5	2: 48, 1: 17, 3: 15, 4: 5
cups_of_coffee_per_day	10	1	0.98	FALSE	6	2: 15, 1: 11, 3: 7, Mor: 3
cups_of_coffee_per_day	NA	50	0.52	FALSE	5	2: 28, Les: 9, 1: 8, 3: 8
best_described_before	1	1	0.99	FALSE	10	Swe: 44, Cho: 40, Ful: 16, Nut: 14
best_described_before	2	2	0.99	FALSE	10	Cho: 35, Swe: 24, Car: 23, Ful: 23
best_described_before	3	0	1.00	FALSE	10	Cho: 60, Ful: 48, Swe: 33, Car: 32
best_described_before	4	0	1.00	FALSE	10	Cho: 79, Ful: 64, Fru: 51, Nut: 37
best_described_before	5	1	1.00	FALSE	10	Fru: 108, Cho: 92, Ful: 91, Car: 52
best_described_before	6	2	1.00	FALSE	10	Fru: 219, Cho: 132, Ful: 102, Bri: 96
best_described_before	7	2	1.00	FALSE	10	Fru: 297, Cho: 132, Bri: 98, Jui: 89
best_described_before	8	0	1.00	FALSE	10	Fru: 176, Jui: 60, Cho: 47, Bri: 43
best_described_before	9	0	1.00	FALSE	10	Fru: 38, Jui: 11, Flo: 10, Bri: 9
best_described_before	10	1	0.98	FALSE	10	Fru: 8, Jui: 7, Flo: 6, Car: 5
best_described_before	NA	75	0.28	FALSE	11	Fru: 7, Cho: 5, Com: 4, Ful: 3
like_coffee	1	6	0.96	FALSE	5	Med: 60, Wea: 27, Som: 26, Som: 26
like_coffee	2	5	0.97	FALSE	5	Med: 67, Som: 56, Som: 21, Ver: 14
like_coffee	3	2	0.99	FALSE	5	Med: 122, Som: 104, Ver: 22, Som: 21
like_coffee	4	4	0.99	FALSE	5	Som: 164, Med: 129, Ver: 31, Som: 26

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
like_coffee	5	6	0.99	FALSE	5	Som: 249, Med: 225, Ver: 69, Som: 28
like_coffee	6	10	0.99	FALSE	5	Som: 420, Med: 303, Ver: 87, Som: 30
like_coffee	7	8	0.99	FALSE	5	Som: 482, Med: 301, Ver: 115, Som: 31
like_coffee	8	1	1.00	FALSE	5	Som: 221, Med: 179, Ver: 68, Som: 19
like_coffee	9	0	1.00	FALSE	5	Som: 42, Med: 27, Ver: 10, Som: 8
like_coffee	10	1	0.98	FALSE	4	Som: 17, Med: 11, Ver: 7, Som: 4
like_coffee	NA	83	0.20	FALSE	3	Som: 10, Med: 8, Som: 3, Wea: 0
roast_level	1	2	0.99	FALSE	7	Med: 70, Lig: 38, Dar: 33, Blo: 6
roast_level	2	3	0.98	FALSE	5	Med: 77, Lig: 47, Dar: 28, Blo: 10
roast_level	3	1	1.00	FALSE	7	Med: 146, Lig: 72, Dar: 39, Blo: 7
roast_level	4	0	1.00	FALSE	7	Med: 173, Lig: 103, Dar: 56, Blo: 14
roast_level	5	2	1.00	FALSE	7	Med: 268, Lig: 207, Dar: 81, Blo: 9
roast_level	6	4	1.00	FALSE	7	Lig: 411, Med: 341, Dar: 68, Blo: 13
roast_level	7	2	1.00	FALSE	7	Lig: 518, Med: 313, Dar: 75, Nor: 15
roast_level	8	1	1.00	FALSE	7	Lig: 297, Med: 136, Nor: 30, Dar: 20
roast_level	9	0	1.00	FALSE	5	Lig: 55, Med: 17, Nor: 12, Dar: 3
roast_level	10	1	0.98	FALSE	4	Lig: 23, Med: 8, Dar: 4, Nor: 4
roast_level	NA	86	0.17	FALSE	4	Med: 8, Lig: 7, Dar: 2, Nor: 1
caffeine	1	7	0.95	FALSE	3	Ful: 107, Dec: 28, Hal: 13
caffeine	2	3	0.98	FALSE	3	Ful: 139, Dec: 13, Hal: 11

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
caffeine	3	3	0.99	FALSE	3	Ful: 228, Hal: 26, Dec: 16
caffeine	4	1	1.00	FALSE	3	Ful: 323, Dec: 16, Hal: 16
caffeine	5	4	0.99	FALSE	3	Ful: 519, Hal: 37, Dec: 20
caffeine	6	7	0.99	FALSE	3	Ful: 788, Hal: 44, Dec: 12
caffeine	7	9	0.99	FALSE	3	Ful: 876, Hal: 36, Dec: 18
caffeine	8	2	1.00	FALSE	3	Ful: 459, Hal: 18, Dec: 11
caffeine	9	0	1.00	FALSE	3	Ful: 85, Hal: 2, Dec: 1
caffeine	10	1	0.98	FALSE	3	Ful: 37, Dec: 1, Hal: 1
caffeine	NA	88	0.15	FALSE	2	Ful: 15, Hal: 1, Dec: 0
monthly_coffee_cost	1	18	0.88	FALSE	6	<$2: 87, $20: 29, $40: 8, $60: 5
monthly_coffee_cost	2	19	0.89	FALSE	6	$20: 51, <$2: 49, $40: 31, $60: 7
monthly_coffee_cost	3	35	0.87	FALSE	6	$20: 97, <$2: 65, $40: 47, $60: 17
monthly_coffee_cost	4	55	0.85	FALSE	6	$20: 133, $40: 73, <$2: 50, $60: 24
monthly_coffee_cost	5	63	0.89	FALSE	6	$20: 224, $40: 147, <$2: 59, $60: 44
monthly_coffee_cost	6	84	0.90	FALSE	6	$20: 325, $40: 225, $60: 87, $80: 57
monthly_coffee_cost	7	104	0.89	FALSE	6	$40: 314, $20: 268, $60: 117, $80: 59
monthly_coffee_cost	8	36	0.93	FALSE	6	$40: 174, $20: 129, $60: 69, $80: 32
monthly_coffee_cost	9	8	0.91	FALSE	6	$20: 26, $40: 25, $60: 10, $80: 9
monthly_coffee_cost	10	5	0.88	FALSE	6	$20: 11, $60: 7, $40: 6, $80: 5
monthly_coffee_cost	NA	104	0.00	FALSE	0	<$2: 0, $20: 0, $40: 0, $60: 0
like_taste	1	15	0.90	FALSE	2	Yes: 88, No: 52
like_taste	2	16	0.90	FALSE	2	Yes: 134, No: 16
like_taste	3	32	0.88	FALSE	2	Yes: 227, No: 14
like_taste	4	48	0.87	FALSE	2	Yes: 305, No: 3

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
like_taste	5	55	0.91	FALSE	2	Yes: 516, No: 9
like_taste	6	73	0.91	FALSE	2	Yes: 775, No: 3
like_taste	7	90	0.90	FALSE	2	Yes: 844, No: 5
like_taste	8	32	0.93	FALSE	2	Yes: 457, No: 1
like_taste	9	8	0.91	FALSE	1	Yes: 80, No: 0
like_taste	10	6	0.85	FALSE	1	Yes: 34, No: 0
like_taste	NA	104	0.00	FALSE	0	No: 0, Yes: 0
know_where_coffee_from	1	15	0.90	FALSE	2	No: 109, Yes: 31
know_where_coffee_from	2	16	0.90	FALSE	2	No: 98, Yes: 52
know_where_coffee_from	3	31	0.89	FALSE	2	No: 136, Yes: 106
know_where_coffee_from	4	48	0.87	FALSE	2	Yes: 193, No: 115
know_where_coffee_from	5	56	0.90	FALSE	2	Yes: 378, No: 146
know_where_coffee_from	6	75	0.91	FALSE	2	Yes: 657, No: 119
know_where_coffee_from	7	92	0.90	FALSE	2	Yes: 763, No: 84
know_where_coffee_from	8	32	0.93	FALSE	2	Yes: 431, No: 27
know_where_coffee_from	9	8	0.91	FALSE	1	Yes: 80, No: 0
know_where_coffee_from	10	6	0.85	FALSE	2	Yes: 29, No: 5
know_where_coffee_from	NA	104	0.00	FALSE	0	No: 0, Yes: 0
most_pay	1	19	0.88	FALSE	7	$6-: 41, $8-: 35, $4-: 30, $10: 15
most_pay	2	20	0.88	FALSE	8	$6-: 54, $8-: 42, $4-: 23, $10: 18
most_pay	3	35	0.87	FALSE	8	$6-: 98, $8-: 55, $4-: 42, $10: 31
most_pay	4	52	0.85	FALSE	8	$6-: 114, $8-: 90, $4-: 47, $10: 39
most_pay	5	61	0.89	FALSE	8	$6-: 157, $8-: 157, $4-: 87, $10: 80
most_pay	6	80	0.91	FALSE	7	$6-: 256, $8-: 224, $10: 134, $4-: 101
most_pay	7	95	0.90	FALSE	8	$6-: 249, $8-: 244, $10: 161, $4-: 89
most_pay	8	34	0.93	FALSE	6	$8-: 134, $10: 104, $6-: 100, Mor: 52
most_pay	9	8	0.91	FALSE	7	$10: 22, $6-: 19, $8-: 15, $15: 14
most_pay	10	7	0.82	FALSE	7	$10: 12, $6-: 7, Mor: 5, $8-: 4
most_pay	NA	104	0.00	FALSE	0	Les: 0, $2-: 0, $4-: 0, $6-: 0

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
most_willing_pay	1	21	0.86	FALSE	8	$6-: 28, $4-: 27, $8-: 24, $10: 21
most_willing_pay	2	21	0.87	FALSE	8	$8-: 49, $6-: 28, $4-: 21, $10: 20
most_willing_pay	3	39	0.86	FALSE	7	$6-: 72, $8-: 62, $10: 46, $4-: 22
most_willing_pay	4	52	0.85	FALSE	8	$8-: 98, $6-: 69, $10: 52, $4-: 30
most_willing_pay	5	65	0.89	FALSE	8	$8-: 132, $6-: 107, $10: 85, $4-: 69
most_willing_pay	6	80	0.91	FALSE	8	$8-: 209, $10: 162, $6-: 142, Mor: 110
most_willing_pay	7	97	0.90	FALSE	8	$8-: 200, Mor: 176, $10: 157, $6-: 139
most_willing_pay	8	36	0.93	FALSE	8	Mor: 134, $8-: 95, $10: 91, $15: 63
most_willing_pay	9	10	0.89	FALSE	8	Mor: 31, $10: 12, $15: 11, $8-: 10
most_willing_pay	10	7	0.82	FALSE	7	Mor: 12, $10: 6, $15: 6, $4-: 5
most_willing_pay	NA	104	0.00	FALSE	0	Les: 0, $2-: 0, $4-: 0, $6-: 0
good_value_money	1	20	0.87	FALSE	2	Yes: 68, No: 67
good_value_money	2	23	0.86	FALSE	2	Yes: 81, No: 62
good_value_money	3	41	0.85	FALSE	2	Yes: 140, No: 92
good_value_money	4	53	0.85	FALSE	2	Yes: 167, No: 136
good_value_money	5	67	0.88	FALSE	2	Yes: 275, No: 238
good_value_money	6	83	0.90	FALSE	2	Yes: 479, No: 289
good_value_money	7	97	0.90	FALSE	2	Yes: 505, No: 337
good_value_money	8	39	0.92	FALSE	2	Yes: 266, No: 185
good_value_money	9	8	0.91	FALSE	2	Yes: 48, No: 32
good_value_money	10	7	0.82	FALSE	2	Yes: 19, No: 14
good_value_money	NA	104	0.00	FALSE	0	No: 0, Yes: 0
time_spent_on_equipment	1	22	0.86	FALSE	7	Les: 69, $10: 17, $50: 14, $20: 12
time_spent_on_equipment	2	23	0.86	FALSE	7	Les: 49, $10: 28, $50: 27, $20: 19
time_spent_on_equipment	3	38	0.86	FALSE	7	$10: 52, $20: 43, Les: 39, $50: 33
time_spent_on_equipment	4	53	0.85	FALSE	7	$10: 76, $30: 52, $50: 45, $50: 42

skim_variable	own_coffee_equipment	n_missing	complete_rate	ordered	n_unique	top_counts
time_spent_on_equipment	5	64	0.89	FALSE	7	$10: 130, $30: 103, Mor: 79, $50: 78
time_spent_on_equipment	6	82	0.90	FALSE	7	$10: 210, $50: 162, $30: 149, Mor: 134
time_spent_on_equipment	7	99	0.89	FALSE	7	Mor: 234, $50: 191, $10: 177, $30: 170
time_spent_on_equipment	8	35	0.93	FALSE	7	Mor: 199, $50: 111, $30: 75, $10: 49
time_spent_on_equipment	9	8	0.91	FALSE	6	Mor: 52, $30: 13, $50: 7, $10: 6
time_spent_on_equipment	10	8	0.80	FALSE	7	Mor: 13, $10: 5, $30: 5, $50: 4
time_spent_on_equipment	NA	104	0.00	FALSE	0	$10: 0, $20: 0, $30: 0, $50: 0
good_value_equipment	1	28	0.82	FALSE	2	Yes: 110, No: 17
good_value_equipment	2	28	0.83	FALSE	2	Yes: 130, No: 8
good_value_equipment	3	39	0.86	FALSE	2	Yes: 210, No: 24
good_value_equipment	4	53	0.85	FALSE	2	Yes: 277, No: 26
good_value_equipment	5	69	0.88	FALSE	2	Yes: 484, No: 27
good_value_equipment	6	80	0.91	FALSE	2	Yes: 744, No: 27
good_value_equipment	7	98	0.90	FALSE	2	Yes: 817, No: 24
good_value_equipment	8	33	0.93	FALSE	2	Yes: 437, No: 20
good_value_equipment	9	8	0.91	FALSE	2	Yes: 79, No: 1
good_value_equipment	10	8	0.80	FALSE	2	Yes: 30, No: 2
good_value_equipment	NA	104	0.00	FALSE	0	No: 0, Yes: 0
gender	1	17	0.89	FALSE	4	Fem: 84, Mal: 48, Non: 3, Pre: 3
gender	2	19	0.89	FALSE	4	Fem: 70, Mal: 69, Non: 6, Pre: 2
gender	3	34	0.88	FALSE	5	Fem: 111, Mal: 110, Non: 13, Oth: 3
gender	4	50	0.86	FALSE	5	Mal: 179, Fem: 116, Non: 8, Pre: 2
gender	5	60	0.90	FALSE	5	Mal: 333, Fem: 168, Non: 15, Pre: 3
gender	6	79	0.91	FALSE	4	Mal: 596, Fem: 147, Non: 23, Pre: 6
gender	7	103	0.89	FALSE	5	Mal: 698, Fem: 108, Non: 23, Pre: 6
gender	8	36	0.93	FALSE	5	Mal: 399, Fem: 36, Non: 9, Pre: 8

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
gender	9	9	0.90	FALSE	5	Mal: 67, Fem: 7, Non: 3, Oth: 1
gender	10	8	0.80	FALSE	3	Mal: 25, Fem: 6, Oth: 1, Non: 0
gender	NA	104	0.00	FALSE	0	Fem: 0, Mal: 0, Non: 0, Oth: 0
education_level	1	22	0.86	FALSE	6	Bac: 67, Mas: 30, Som: 18, Doc: 10
education_level	2	24	0.86	FALSE	5	Bac: 67, Mas: 38, Som: 17, Doc: 15
education_level	3	42	0.85	FALSE	6	Bac: 120, Mas: 45, Som: 28, Doc: 20
education_level	4	58	0.84	FALSE	6	Bac: 160, Mas: 65, Som: 33, Doc: 24
education_level	5	73	0.87	FALSE	6	Bac: 250, Mas: 124, Som: 72, Doc: 40
education_level	6	97	0.89	FALSE	6	Bac: 375, Mas: 166, Som: 109, Doc: 82
education_level	7	121	0.87	FALSE	6	Bac: 438, Mas: 156, Som: 105, Doc: 88
education_level	8	44	0.91	FALSE	6	Bac: 223, Mas: 88, Som: 67, Doc: 53
education_level	9	11	0.88	FALSE	4	Bac: 42, Mas: 20, Som: 8, Doc: 7
education_level	10	8	0.80	FALSE	6	Bac: 17, Mas: 6, Som: 4, Hig: 3
education_level	NA	104	0.00	FALSE	0	Bac: 0, Doc: 0, Hig: 0, Les: 0
ethnicity/race	1	22	0.86	FALSE	5	Whi: 98, Asi: 23, His: 6, Oth: 5
ethnicity/race	2	25	0.85	FALSE	6	Whi: 101, His: 18, Asi: 16, Bla: 3
ethnicity/race	3	41	0.85	FALSE	5	Whi: 177, Asi: 29, His: 15, Oth: 6
ethnicity/race	4	60	0.83	FALSE	6	Whi: 226, Asi: 34, His: 25, Oth: 7
ethnicity/race	5	77	0.87	FALSE	6	Whi: 377, Asi: 70, His: 36, Oth: 12
ethnicity/race	6	101	0.88	FALSE	6	Whi: 593, Asi: 82, His: 44, Oth: 19

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
ethnicity/race	7	120	0.87	FALSE	6	Whi: 634, Asi: 89, His: 44, Oth: 37
ethnicity/race	8	54	0.89	FALSE	5	Whi: 335, Asi: 54, His: 24, Oth: 21
ethnicity/race	9	12	0.86	FALSE	4	Whi: 63, Asi: 8, His: 4, Oth: 1
ethnicity/race	10	8	0.80	FALSE	5	Whi: 22, Asi: 6, His: 2, Bla: 1
ethnicity/race	NA	104	0.00	FALSE	0	Asi: 0, Bla: 0, His: 0, Nat: 0
ethnicity/race_(please_specify)	1	150	0.03	FALSE	5	Bi-: 1, Bi-: 1, Ind: 1, Mul: 1
ethnicity/race_(please_specify)	2	164	0.01	FALSE	2	Asi: 1, Bir: 1, 1/2: 0, 50|: 0
ethnicity/race_(please_specify)	3	267	0.02	FALSE	5	Whi: 2, Caj: 1, Mex: 1, Mid: 1
ethnicity/race_(please_specify)	4	349	0.02	FALSE	6	Sou: 2, ash: 1, Mix: 1, mix: 1
ethnicity/race_(please_specify)	5	571	0.02	FALSE	9	Asi: 1, Asi: 1, Bla: 1, His: 1
ethnicity/race_(please_specify)	6	834	0.02	FALSE	14	Mix: 3, Asi: 2, AR-: 1, Asi: 1
ethnicity/race_(please_specify)	7	902	0.04	FALSE	34	Mix: 3, Whi: 2, 50|: 1, Afr: 1
ethnicity/race_(please_specify)	8	470	0.04	FALSE	20	1/2: 1, Ame: 1, Asi: 1, Asi: 1
ethnicity/race_(please_specify)	9	87	0.01	FALSE	1	Mix: 1, 1/2: 0, 50|: 0, Afr: 0
ethnicity/race_(please_specify)	10	39	0.03	FALSE	1	Ala: 1, 1/2: 0, 50|: 0, Afr: 0
ethnicity/race_(please_specify)	NA	104	0.00	FALSE	0	1/2: 0, 50|: 0, Afr: 0, Ala: 0
employment_status	1	22	0.86	FALSE	6	Emp: 90, Emp: 14, Stu: 11, Hom: 8
employment_status	2	27	0.84	FALSE	6	Emp: 96, Stu: 13, Emp: 11, Ret: 8
employment_status	3	43	0.84	FALSE	6	Emp: 160, Emp: 23, Stu: 17, Une: 12
employment_status	4	59	0.83	FALSE	6	Emp: 221, Stu: 23, Emp: 21, Hom: 13

skim_variable	own_coffee_exp	n_missing	complete_rate	ordered	n_unique	top_counts
employment_status	5	74	0.87	FALSE	6	Emp: 401, Emp: 30, Stu: 25, Une: 20
employment_status	6	100	0.88	FALSE	6	Emp: 611, Stu: 47, Emp: 40, Une: 31
employment_status	7	127	0.86	FALSE	6	Emp: 674, Stu: 46, Emp: 39, Une: 24
employment_status	8	47	0.90	FALSE	6	Emp: 365, Stu: 31, Emp: 17, Une: 14
employment_status	9	12	0.86	FALSE	4	Emp: 65, Stu: 6, Emp: 4, Ret: 1
employment_status	10	8	0.80	FALSE	5	Emp: 25, Emp: 2, Hom: 2, Stu: 2
employment_status	NA	104	0.00	FALSE	0	Emp: 0, Emp: 0, Hom: 0, Ret: 0
number_of_children	1	22	0.86	FALSE	5	Non: 96, 2: 19, 1: 12, 3: 4
number_of_children	2	29	0.83	FALSE	5	Non: 104, 1: 13, 2: 13, Mor: 6
number_of_children	3	42	0.85	FALSE	5	Non: 174, 2: 30, 1: 16, 3: 9
number_of_children	4	62	0.83	FALSE	5	Non: 211, 2: 35, 1: 28, Mor: 12
number_of_children	5	75	0.87	FALSE	5	Non: 366, 2: 72, 1: 37, 3: 20
number_of_children	6	101	0.88	FALSE	5	Non: 587, 2: 76, 1: 66, 3: 16
number_of_children	7	131	0.86	FALSE	5	Non: 609, 2: 87, 1: 79, 3: 23
number_of_children	8	50	0.90	FALSE	5	Non: 318, 2: 60, 1: 52, 3: 7
number_of_children	9	12	0.86	FALSE	5	Non: 58, 2: 8, 1: 6, 3: 3
number_of_children	10	8	0.80	FALSE	5	Non: 27, 2: 2, 1: 1, 3: 1
number_of_children	NA	104	0.00	FALSE	0	1: 0, 2: 0, 3: 0, Mor: 0
political_affiliation	1	30	0.81	FALSE	4	Dem: 66, No : 33, Ind: 13, Rep: 13
political_affiliation	2	34	0.80	FALSE	4	Dem: 73, No : 30, Ind: 16, Rep: 13
political_affiliation	3	48	0.82	FALSE	4	Dem: 121, No : 63, Ind: 29, Rep: 12

skim_variable	own_coffee_expertise	n_missing	complete_rate	ordered	n_unique	top_counts
political_affiliation	4	77	0.78	FALSE	4	Dem: 144, No : 70, Ind: 51, Rep: 14
political_affiliation	5	102	0.82	FALSE	4	Dem: 258, No : 118, Ind: 75, Rep: 27
political_affiliation	6	118	0.86	FALSE	4	Dem: 395, No : 184, Ind: 111, Rep: 43
political_affiliation	7	159	0.83	FALSE	4	Dem: 428, No : 178, Ind: 129, Rep: 45
political_affiliation	8	59	0.88	FALSE	4	Dem: 230, No : 123, Ind: 63, Rep: 15
political_affiliation	9	13	0.85	FALSE	4	Dem: 38, No : 19, Ind: 15, Rep: 3
political_affiliation	10	9	0.78	FALSE	4	Dem: 15, No : 8, Ind: 5, Rep: 3
political_affiliation	NA	104	0.00	FALSE	0	Dem: 0, Ind: 0, No : 0, Rep: 0

Variable type: logical

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
drink_at_home	1	1	0.99	0.58	TRU: 89, FAL: 65
drink_at_home	2	2	0.99	0.82	TRU: 135, FAL: 29
drink_at_home	3	1	1.00	0.81	TRU: 221, FAL: 51
drink_at_home	4	0	1.00	0.91	TRU: 325, FAL: 31
drink_at_home	5	5	0.99	0.94	TRU: 538, FAL: 37
drink_at_home	6	5	0.99	0.95	TRU: 806, FAL: 40
drink_at_home	7	5	0.99	0.96	TRU: 895, FAL: 39
drink_at_home	8	2	1.00	0.96	TRU: 467, FAL: 21
drink_at_home	9	0	1.00	0.94	TRU: 83, FAL: 5
drink_at_home	10	1	0.98	0.92	TRU: 36, FAL: 3

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
drink_at_home	NA	45	0.57	0.83	TRU: 49, FAL: 10
drink_at_the_office	1	1	0.99	0.29	FAL: 110, TRU: 44
drink_at_the_office	2	2	0.99	0.27	FAL: 120, TRU: 44
drink_at_the_office	3	1	1.00	0.30	FAL: 190, TRU: 82
drink_at_the_office	4	0	1.00	0.34	FAL: 235, TRU: 121
drink_at_the_office	5	5	0.99	0.34	FAL: 378, TRU: 197
drink_at_the_office	6	5	0.99	0.40	FAL: 505, TRU: 341
drink_at_the_office	7	5	0.99	0.38	FAL: 575, TRU: 359
drink_at_the_office	8	2	1.00	0.37	FAL: 309, TRU: 179
drink_at_the_office	9	0	1.00	0.33	FAL: 59, TRU: 29
drink_at_the_office	10	1	0.98	0.33	FAL: 26, TRU: 13
drink_at_the_office	NA	45	0.57	0.36	FAL: 38, TRU: 21
drink_on_the_go	1	1	0.99	0.12	FAL: 136, TRU: 18
drink_on_the_go	2	2	0.99	0.16	FAL: 137, TRU: 27
drink_on_the_go	3	1	1.00	0.20	FAL: 217, TRU: 55
drink_on_the_go	4	0	1.00	0.19	FAL: 287, TRU: 69
drink_on_the_go	5	5	0.99	0.18	FAL: 471, TRU: 104
drink_on_the_go	6	5	0.99	0.17	FAL: 706, TRU: 140
drink_on_the_go	7	5	0.99	0.19	FAL: 755, TRU: 179
drink_on_the_go	8	2	1.00	0.16	FAL: 408, TRU: 80

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
drink_on_the_go	9	0	1.00	0.17	FAL: 73, TRU: 15
drink_on_the_go	10	1	0.98	0.15	FAL: 33, TRU: 6
drink_on_the_go	NA	45	0.57	0.20	FAL: 47, TRU: 12
drink_at_a_cafe	1	1	0.99	0.25	FAL: 115, TRU: 39
drink_at_a_cafe	2	2	0.99	0.23	FAL: 127, TRU: 37
drink_at_a_cafe	3	1	1.00	0.28	FAL: 196, TRU: 76
drink_at_a_cafe	4	0	1.00	0.26	FAL: 264, TRU: 92
drink_at_a_cafe	5	5	0.99	0.26	FAL: 426, TRU: 149
drink_at_a_cafe	6	5	0.99	0.29	FAL: 600, TRU: 246
drink_at_a_cafe	7	5	0.99	0.33	FAL: 626, TRU: 308
drink_at_a_cafe	8	2	1.00	0.33	FAL: 326, TRU: 162
drink_at_a_cafe	9	0	1.00	0.31	FAL: 61, TRU: 27
drink_at_a_cafe	10	1	0.98	0.38	FAL: 24, TRU: 15
drink_at_a_cafe	NA	45	0.57	0.32	FAL: 40, TRU: 19
drink_none_of_these	1	1	0.99	0.16	FAL: 130, TRU: 24
drink_none_of_these	2	2	0.99	0.01	FAL: 162, TRU: 2
drink_none_of_these	3	1	1.00	0.00	FAL: 271, TRU: 1
drink_none_of_these	4	0	1.00	0.00	FAL: 356
drink_none_of_these	5	5	0.99	0.00	FAL: 575
drink_none_of_these	6	5	0.99	0.00	FAL: 844, TRU: 2
drink_none_of_these	7	5	0.99	0.00	FAL: 931, TRU: 3

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
drink_none_of_these	8	2	1.00	0.01	FAL: 485, TRU: 3
drink_none_of_these	9	0	1.00	0.00	FAL: 88
drink_none_of_these	10	1	0.98	0.00	FAL: 39
drink_none_of_these	NA	45	0.57	0.02	FAL: 58, TRU: 1
at_home_pour_over	1	64	0.59	0.21	FAL: 72, TRU: 19
at_home_pour_over	2	30	0.82	0.37	FAL: 86, TRU: 50
at_home_pour_over	3	51	0.81	0.40	FAL: 134, TRU: 88
at_home_pour_over	4	31	0.91	0.44	FAL: 182, TRU: 143
at_home_pour_over	5	40	0.93	0.56	TRU: 301, FAL: 239
at_home_pour_over	6	44	0.95	0.66	TRU: 530, FAL: 277
at_home_pour_over	7	39	0.96	0.74	TRU: 668, FAL: 232
at_home_pour_over	8	21	0.96	0.78	TRU: 367, FAL: 102
at_home_pour_over	9	5	0.94	0.82	TRU: 68, FAL: 15
at_home_pour_over	10	4	0.90	0.86	TRU: 31, FAL: 5
at_home_pour_over	NA	52	0.50	0.58	TRU: 30, FAL: 22
at_home_french_press	1	64	0.59	0.10	FAL: 82, TRU: 9
at_home_french_press	2	30	0.82	0.14	FAL: 117, TRU: 19
at_home_french_press	3	51	0.81	0.18	FAL: 181, TRU: 41
at_home_french_press	4	31	0.91	0.20	FAL: 259, TRU: 66
at_home_french_press	5	40	0.93	0.20	FAL: 430, TRU: 110
at_home_french_press	6	44	0.95	0.21	FAL: 638, TRU: 169

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
at_home_french_press	7	39	0.96	0.21	FAL: 713, TRU: 187
at_home_french_press	8	21	0.96	0.21	FAL: 369, TRU: 100
at_home_french_press	9	5	0.94	0.17	FAL: 69, TRU: 14
at_home_french_press	10	4	0.90	0.25	FAL: 27, TRU: 9
at_home_french_press	NA	52	0.50	0.21	FAL: 41, TRU: 11
at_home_espresso	1	64	0.59	0.23	FAL: 70, TRU: 21
at_home_espresso	2	30	0.82	0.22	FAL: 106, TRU: 30
at_home_espresso	3	51	0.81	0.23	FAL: 171, TRU: 51
at_home_espresso	4	31	0.91	0.28	FAL: 234, TRU: 91
at_home_espresso	5	40	0.93	0.36	FAL: 347, TRU: 193
at_home_espresso	6	44	0.95	0.38	FAL: 500, TRU: 307
at_home_espresso	7	39	0.96	0.50	FAL: 454, TRU: 446
at_home_espresso	8	21	0.96	0.61	TRU: 287, FAL: 182
at_home_espresso	9	5	0.94	0.67	TRU: 56, FAL: 27
at_home_espresso	10	4	0.90	0.64	TRU: 23, FAL: 13
at_home_espresso	NA	52	0.50	0.25	FAL: 39, TRU: 13
at_home_coffee_brewing_machine	1	64	0.59	0.32	FAL: 62, TRU: 29
at_home_coffee_brewing_machine	2	30	0.82	0.24	FAL: 104, TRU: 32
at_home_coffee_brewing_machine	3	51	0.81	0.27	FAL: 163, TRU: 59
at_home_coffee_brewing_machine	4	31	0.91	0.22	FAL: 252, TRU: 73

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
at_home_coffee_brewing_machine	5	40	0.93	0.19	FAL: 435, TRU: 105
at_home_coffee_brewing_machine	6	44	0.95	0.19	FAL: 654, TRU: 153
at_home_coffee_brewing_machine	7	39	0.96	0.13	FAL: 786, TRU: 114
at_home_coffee_brewing_machine	8	21	0.96	0.15	FAL: 398, TRU: 71
at_home_coffee_brewing_machine	9	5	0.94	0.16	FAL: 70, TRU: 13
at_home_coffee_brewing_machine	10	4	0.90	0.14	FAL: 31, TRU: 5
at_home_coffee_brewing_machine	NA	52	0.50	0.17	FAL: 43, TRU: 9
at_home_pod_or_capsule_machine	1	64	0.59	0.10	FAL: 82, TRU: 9
at_home_pod_or_capsule_machine	2	30	0.82	0.18	FAL: 111, TRU: 25
at_home_pod_or_capsule_machine	3	51	0.81	0.14	FAL: 192, TRU: 30
at_home_pod_or_capsule_machine	4	31	0.91	0.14	FAL: 278, TRU: 47
at_home_pod_or_capsule_machine	5	40	0.93	0.12	FAL: 477, TRU: 63
at_home_pod_or_capsule_machine	6	44	0.95	0.07	FAL: 749, TRU: 58
at_home_pod_or_capsule_machine	7	39	0.96	0.07	FAL: 836, TRU: 64
at_home_pod_or_capsule_machine	8	21	0.96	0.06	FAL: 439, TRU: 30
at_home_pod_or_capsule_machine	9	5	0.94	0.01	FAL: 82, TRU: 1
at_home_pod_or_capsule_machine	10	4	0.90	0.06	FAL: 34, TRU: 2
at_home_pod_or_capsule_machine	NA	52	0.50	0.13	FAL: 45, TRU: 7
at_home_instant_coffee	1	64	0.59	0.11	FAL: 81, TRU: 10
at_home_instant_coffee	2	30	0.82	0.03	FAL: 132, TRU: 4

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
at_home_instant_coffee	3	51	0.81	0.04	FAL: 213, TRU: 9
at_home_instant_coffee	4	31	0.91	0.05	FAL: 308, TRU: 17
at_home_instant_coffee	5	40	0.93	0.05	FAL: 513, TRU: 27
at_home_instant_coffee	6	44	0.95	0.02	FAL: 789, TRU: 18
at_home_instant_coffee	7	39	0.96	0.03	FAL: 874, TRU: 26
at_home_instant_coffee	8	21	0.96	0.02	FAL: 458, TRU: 11
at_home_instant_coffee	9	5	0.94	0.04	FAL: 80, TRU: 3
at_home_instant_coffee	10	4	0.90	0.03	FAL: 35, TRU: 1
at_home_instant_coffee	NA	52	0.50	0.08	FAL: 48, TRU: 4
at_home_bean-to-cup_machine	1	64	0.59	0.03	FAL: 88, TRU: 3
at_home_bean-to-cup_machine	2	30	0.82	0.01	FAL: 134, TRU: 2
at_home_bean-to-cup_machine	3	51	0.81	0.01	FAL: 219, TRU: 3
at_home_bean-to-cup_machine	4	31	0.91	0.04	FAL: 311, TRU: 14
at_home_bean-to-cup_machine	5	40	0.93	0.02	FAL: 528, TRU: 12
at_home_bean-to-cup_machine	6	44	0.95	0.03	FAL: 786, TRU: 21
at_home_bean-to-cup_machine	7	39	0.96	0.02	FAL: 886, TRU: 14
at_home_bean-to-cup_machine	8	21	0.96	0.02	FAL: 460, TRU: 9
at_home_bean-to-cup_machine	9	5	0.94	0.04	FAL: 80, TRU: 3
at_home_bean-to-cup_machine	10	4	0.90	0.03	FAL: 35, TRU: 1
at_home_bean-to-cup_machine	NA	52	0.50	0.04	FAL: 50, TRU: 2

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
at_home_cold_brew	1	64	0.59	0.08	FAL: 84, TRU: 7
at_home_cold_brew	2	30	0.82	0.12	FAL: 119, TRU: 17
at_home_cold_brew	3	51	0.81	0.13	FAL: 194, TRU: 28
at_home_cold_brew	4	31	0.91	0.14	FAL: 278, TRU: 47
at_home_cold_brew	5	40	0.93	0.14	FAL: 466, TRU: 74
at_home_cold_brew	6	44	0.95	0.14	FAL: 695, TRU: 112
at_home_cold_brew	7	39	0.96	0.17	FAL: 749, TRU: 151
at_home_cold_brew	8	21	0.96	0.14	FAL: 402, TRU: 67
at_home_cold_brew	9	5	0.94	0.11	FAL: 74, TRU: 9
at_home_cold_brew	10	4	0.90	0.14	FAL: 31, TRU: 5
at_home_cold_brew	NA	52	0.50	0.15	FAL: 44, TRU: 8
at_home_coffee_extract	1	64	0.59	0.01	FAL: 90, TRU: 1
at_home_coffee_extract	2	30	0.82	0.06	FAL: 128, TRU: 8
at_home_coffee_extract	3	51	0.81	0.05	FAL: 211, TRU: 11
at_home_coffee_extract	4	31	0.91	0.03	FAL: 314, TRU: 11
at_home_coffee_extract	5	40	0.93	0.05	FAL: 513, TRU: 27
at_home_coffee_extract	6	44	0.95	0.04	FAL: 776, TRU: 31
at_home_coffee_extract	7	39	0.96	0.06	FAL: 846, TRU: 54
at_home_coffee_extract	8	21	0.96	0.06	FAL: 440, TRU: 29
at_home_coffee_extract	9	5	0.94	0.08	FAL: 76, TRU: 7

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
at_home_coffee_extract	10	4	0.90	0.14	FAL: 31, TRU: 5
at_home_coffee_extract	NA	52	0.50	0.04	FAL: 50, TRU: 2
at_home_other	1	64	0.59	0.13	FAL: 79, TRU: 12
at_home_other	2	30	0.82	0.15	FAL: 116, TRU: 20
at_home_other	3	51	0.81	0.17	FAL: 185, TRU: 37
at_home_other	4	31	0.91	0.16	FAL: 273, TRU: 52
at_home_other	5	40	0.93	0.19	FAL: 438, TRU: 102
at_home_other	6	44	0.95	0.21	FAL: 640, TRU: 167
at_home_other	7	39	0.96	0.21	FAL: 713, TRU: 187
at_home_other	8	21	0.96	0.17	FAL: 390, TRU: 79
at_home_other	9	5	0.94	0.08	FAL: 76, TRU: 7
at_home_other	10	4	0.90	0.14	FAL: 31, TRU: 5
at_home_other	NA	52	0.50	0.17	FAL: 43, TRU: 9
purchase_national_chain	1	136	0.12	0.63	TRU: 12, FAL: 7
purchase_national_chain	2	138	0.17	0.79	TRU: 22, FAL: 6
purchase_national_chain	3	217	0.21	0.54	TRU: 30, FAL: 26
purchase_national_chain	4	286	0.20	0.56	TRU: 39, FAL: 31
purchase_national_chain	5	474	0.18	0.49	FAL: 54, TRU: 52
purchase_national_chain	6	706	0.17	0.43	FAL: 83, TRU: 62
purchase_national_chain	7	756	0.19	0.40	FAL: 109, TRU: 74

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
purchase_national_chain	8	407	0.17	0.36	FAL: 53, TRU: 30
purchase_national_chain	9	73	0.17	0.13	FAL: 13, TRU: 2
purchase_national_chain	10	34	0.15	0.50	FAL: 3, TRU: 3
purchase_national_chain	NA	92	0.12	0.25	FAL: 9, TRU: 3
purchase_local_cafe	1	136	0.12	0.32	FAL: 13, TRU: 6
purchase_local_cafe	2	138	0.17	0.43	FAL: 16, TRU: 12
purchase_local_cafe	3	217	0.21	0.55	TRU: 31, FAL: 25
purchase_local_cafe	4	286	0.20	0.49	FAL: 36, TRU: 34
purchase_local_cafe	5	474	0.18	0.63	TRU: 67, FAL: 39
purchase_local_cafe	6	706	0.17	0.52	TRU: 75, FAL: 70
purchase_local_cafe	7	756	0.19	0.58	TRU: 107, FAL: 76
purchase_local_cafe	8	407	0.17	0.45	FAL: 46, TRU: 37
purchase_local_cafe	9	73	0.17	0.60	TRU: 9, FAL: 6
purchase_local_cafe	10	34	0.15	0.83	TRU: 5, FAL: 1
purchase_local_cafe	NA	92	0.12	0.75	TRU: 9, FAL: 3
purchase_drive-thru	1	136	0.12	0.16	FAL: 16, TRU: 3
purchase_drive-thru	2	138	0.17	0.18	FAL: 23, TRU: 5
purchase_drive-thru	3	217	0.21	0.18	FAL: 46, TRU: 10
purchase_drive-thru	4	286	0.20	0.07	FAL: 65, TRU: 5
purchase_drive-thru	5	474	0.18	0.12	FAL: 93, TRU: 13

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
purchase_drive-thru	6	706	0.17	0.16	FAL: 122, TRU: 23
purchase_drive-thru	7	756	0.19	0.14	FAL: 157, TRU: 26
purchase_drive-thru	8	407	0.17	0.08	FAL: 76, TRU: 7
purchase_drive-thru	9	73	0.17	0.07	FAL: 14, TRU: 1
purchase_drive-thru	10	34	0.15	0.00	FAL: 6
purchase_drive-thru	NA	92	0.12	0.17	FAL: 10, TRU: 2
purchase_specialty_coffee_shop	1	136	0.12	0.11	FAL: 17, TRU: 2
purchase_specialty_coffee_shop	2	138	0.17	0.46	FAL: 15, TRU: 13
purchase_specialty_coffee_shop	3	217	0.21	0.41	FAL: 33, TRU: 23
purchase_specialty_coffee_shop	4	286	0.20	0.41	FAL: 41, TRU: 29
purchase_specialty_coffee_shop	5	474	0.18	0.59	TRU: 63, FAL: 43
purchase_specialty_coffee_shop	6	706	0.17	0.61	TRU: 89, FAL: 56
purchase_specialty_coffee_shop	7	756	0.19	0.73	TRU: 133, FAL: 50
purchase_specialty_coffee_shop	8	407	0.17	0.73	TRU: 61, FAL: 22
purchase_specialty_coffee_shop	9	73	0.17	0.80	TRU: 12, FAL: 3
purchase_specialty_coffee_shop	10	34	0.15	0.67	TRU: 4, FAL: 2
purchase_specialty_coffee_shop	NA	92	0.12	0.75	TRU: 9, FAL: 3
purchase_deli_or_supermarket	1	136	0.12	0.16	FAL: 16, TRU: 3
purchase_deli_or_supermarket	2	138	0.17	0.07	FAL: 26, TRU: 2
purchase_deli_or_supermarket	3	217	0.21	0.11	FAL: 50, TRU: 6
purchase_deli_or_supermarket	4	286	0.20	0.11	FAL: 62, TRU: 8

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
purchase_deli_or_supermarket	5	474	0.18	0.08	FAL: 98, TRU: 8
purchase_deli_or_supermarket	6	706	0.17	0.05	FAL: 138, TRU: 7
purchase_deli_or_supermarket	7	756	0.19	0.07	FAL: 171, TRU: 12
purchase_deli_or_supermarket	8	407	0.17	0.04	FAL: 80, TRU: 3
purchase_deli_or_supermarket	9	73	0.17	0.00	FAL: 15
purchase_deli_or_supermarket	10	34	0.15	0.00	FAL: 6
purchase_deli_or_supermarket	NA	92	0.12	0.00	FAL: 12
purchase_other	1	136	0.12	0.00	FAL: 19
purchase_other	2	138	0.17	0.00	FAL: 28
purchase_other	3	217	0.21	0.07	FAL: 52, TRU: 4
purchase_other	4	286	0.20	0.06	FAL: 66, TRU: 4
purchase_other	5	474	0.18	0.02	FAL: 104, TRU: 2
purchase_other	6	706	0.17	0.05	FAL: 138, TRU: 7
purchase_other	7	756	0.19	0.06	FAL: 172, TRU: 11
purchase_other	8	407	0.17	0.04	FAL: 80, TRU: 3
purchase_other	9	73	0.17	0.07	FAL: 14, TRU: 1
purchase_other	10	34	0.15	0.00	FAL: 6
purchase_other	NA	92	0.12	0.17	FAL: 10, TRU: 2
add_to_none	1	1	0.99	0.28	FAL: 111, TRU: 43
add_to_none	2	1	0.99	0.39	FAL: 101, TRU: 64
add_to_none	3	0	1.00	0.47	FAL: 146, TRU: 127
add_to_none	4	3	0.99	0.54	TRU: 190, FAL: 163
add_to_none	5	3	0.99	0.59	TRU: 338, FAL: 239

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
add_to_none	6	7	0.99	0.71	TRU: 599, FAL: 245
add_to_none	7	8	0.99	0.76	TRU: 711, FAL: 220
add_to_none	8	4	0.99	0.82	TRU: 400, FAL: 86
add_to_none	9	1	0.99	0.90	TRU: 78, FAL: 9
add_to_none	10	1	0.98	0.82	TRU: 32, FAL: 7
add_to_none	NA	53	0.49	0.57	TRU: 29, FAL: 22
add_to_milk	1	1	0.99	0.70	TRU: 108, FAL: 46
add_to_milk	2	1	0.99	0.63	TRU: 104, FAL: 61
add_to_milk	3	0	1.00	0.62	TRU: 169, FAL: 104
add_to_milk	4	3	0.99	0.51	TRU: 179, FAL: 174
add_to_milk	5	3	0.99	0.49	FAL: 293, TRU: 284
add_to_milk	6	7	0.99	0.39	FAL: 516, TRU: 328
add_to_milk	7	8	0.99	0.34	FAL: 612, TRU: 319
add_to_milk	8	4	0.99	0.33	FAL: 327, TRU: 159
add_to_milk	9	1	0.99	0.23	FAL: 67, TRU: 20
add_to_milk	10	1	0.98	0.18	FAL: 32, TRU: 7
add_to_milk	NA	53	0.49	0.45	FAL: 28, TRU: 23
add_to_sugar_or_sweetener	1	1	0.99	0.32	FAL: 104, TRU: 50
add_to_sugar_or_sweetener	2	1	0.99	0.27	FAL: 120, TRU: 45
add_to_sugar_or_sweetener	3	0	1.00	0.23	FAL: 209, TRU: 64

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
add_to_sugar_or_sweetener	4	3	0.99	0.17	FAL: 294, TRU: 59
add_to_sugar_or_sweetener	5	3	0.99	0.13	FAL: 501, TRU: 76
add_to_sugar_or_sweetener	6	7	0.99	0.10	FAL: 757, TRU: 87
add_to_sugar_or_sweetener	7	8	0.99	0.09	FAL: 851, TRU: 80
add_to_sugar_or_sweetener	8	4	0.99	0.07	FAL: 450, TRU: 36
add_to_sugar_or_sweetener	9	1	0.99	0.05	FAL: 83, TRU: 4
add_to_sugar_or_sweetener	10	1	0.98	0.08	FAL: 36, TRU: 3
add_to_sugar_or_sweetener	NA	53	0.49	0.22	FAL: 40, TRU: 11
add_to_flavor_syrup	1	1	0.99	0.21	FAL: 121, TRU: 33
add_to_flavor_syrup	2	1	0.99	0.12	FAL: 146, TRU: 19
add_to_flavor_syrup	3	0	1.00	0.11	FAL: 244, TRU: 29
add_to_flavor_syrup	4	3	0.99	0.07	FAL: 328, TRU: 25
add_to_flavor_syrup	5	3	0.99	0.06	FAL: 544, TRU: 33
add_to_flavor_syrup	6	7	0.99	0.04	FAL: 813, TRU: 31
add_to_flavor_syrup	7	8	0.99	0.04	FAL: 893, TRU: 38
add_to_flavor_syrup	8	4	0.99	0.04	FAL: 466, TRU: 20
add_to_flavor_syrup	9	1	0.99	0.00	FAL: 87
add_to_flavor_syrup	10	1	0.98	0.00	FAL: 39
add_to_flavor_syrup	NA	53	0.49	0.06	FAL: 48, TRU: 3
add_to_other	1	1	0.99	0.05	FAL: 147, TRU: 7
add_to_other	2	1	0.99	0.03	FAL: 160, TRU: 5

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
add_to_other	3	0	1.00	0.01	FAL: 271, TRU: 2
add_to_other	4	3	0.99	0.01	FAL: 349, TRU: 4
add_to_other	5	3	0.99	0.02	FAL: 567, TRU: 10
add_to_other	6	7	0.99	0.01	FAL: 836, TRU: 8
add_to_other	7	8	0.99	0.01	FAL: 926, TRU: 5
add_to_other	8	4	0.99	0.01	FAL: 483, TRU: 3
add_to_other	9	1	0.99	0.00	FAL: 87
add_to_other	10	1	0.98	0.00	FAL: 39
add_to_other	NA	53	0.49	0.04	FAL: 49, TRU: 2
dairy_add_whole_milk	1	48	0.69	0.44	FAL: 60, TRU: 47
dairy_add_whole_milk	2	62	0.63	0.43	FAL: 59, TRU: 45
dairy_add_whole_milk	3	102	0.63	0.37	FAL: 107, TRU: 64
dairy_add_whole_milk	4	176	0.51	0.49	FAL: 91, TRU: 89
dairy_add_whole_milk	5	292	0.50	0.46	FAL: 156, TRU: 132
dairy_add_whole_milk	6	520	0.39	0.52	TRU: 172, FAL: 159
dairy_add_whole_milk	7	624	0.34	0.58	TRU: 184, FAL: 131
dairy_add_whole_milk	8	331	0.32	0.55	TRU: 88, FAL: 71
dairy_add_whole_milk	9	67	0.24	0.62	TRU: 13, FAL: 8
dairy_add_whole_milk	10	33	0.18	0.43	FAL: 4, TRU: 3
dairy_add_whole_milk	NA	88	0.15	0.62	TRU: 10, FAL: 6
dairy_add_skim_milk	1	48	0.69	0.08	FAL: 98, TRU: 9

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
dairy_add_skim_milk	2	62	0.63	0.11	FAL: 93, TRU: 11
dairy_add_skim_milk	3	102	0.63	0.06	FAL: 160, TRU: 11
dairy_add_skim_milk	4	176	0.51	0.09	FAL: 164, TRU: 16
dairy_add_skim_milk	5	292	0.50	0.07	FAL: 267, TRU: 21
dairy_add_skim_milk	6	520	0.39	0.10	FAL: 299, TRU: 32
dairy_add_skim_milk	7	624	0.34	0.07	FAL: 293, TRU: 22
dairy_add_skim_milk	8	331	0.32	0.07	FAL: 148, TRU: 11
dairy_add_skim_milk	9	67	0.24	0.05	FAL: 20, TRU: 1
dairy_add_skim_milk	10	33	0.18	0.00	FAL: 7
dairy_add_skim_milk	NA	88	0.15	0.06	FAL: 15, TRU: 1
dairy_add_half_and_half	1	48	0.69	0.22	FAL: 83, TRU: 24
dairy_add_half_and_half	2	62	0.63	0.25	FAL: 78, TRU: 26
dairy_add_half_and_half	3	102	0.63	0.25	FAL: 128, TRU: 43
dairy_add_half_and_half	4	176	0.51	0.22	FAL: 140, TRU: 40
dairy_add_half_and_half	5	292	0.50	0.25	FAL: 216, TRU: 72
dairy_add_half_and_half	6	520	0.39	0.23	FAL: 256, TRU: 75
dairy_add_half_and_half	7	624	0.34	0.24	FAL: 239, TRU: 76
dairy_add_half_and_half	8	331	0.32	0.26	FAL: 117, TRU: 42
dairy_add_half_and_half	9	67	0.24	0.05	FAL: 20, TRU: 1
dairy_add_half_and_half	10	33	0.18	0.14	FAL: 6, TRU: 1
dairy_add_half_and_half	NA	88	0.15	0.25	FAL: 12, TRU: 4

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
dairy_add_coffee_creamer	1	48	0.69	0.12	FAL: 94, TRU: 13
dairy_add_coffee_creamer	2	62	0.63	0.12	FAL: 91, TRU: 13
dairy_add_coffee_creamer	3	102	0.63	0.12	FAL: 151, TRU: 20
dairy_add_coffee_creamer	4	176	0.51	0.09	FAL: 164, TRU: 16
dairy_add_coffee_creamer	5	292	0.50	0.11	FAL: 257, TRU: 31
dairy_add_coffee_creamer	6	520	0.39	0.08	FAL: 306, TRU: 25
dairy_add_coffee_creamer	7	624	0.34	0.06	FAL: 297, TRU: 18
dairy_add_coffee_creamer	8	331	0.32	0.04	FAL: 153, TRU: 6
dairy_add_coffee_creamer	9	67	0.24	0.19	FAL: 17, TRU: 4
dairy_add_coffee_creamer	10	33	0.18	0.29	FAL: 5, TRU: 2
dairy_add_coffee_creamer	NA	88	0.15	0.06	FAL: 15, TRU: 1
dairy_add_flavored_coffee_creamer	1	48	0.69	0.18	FAL: 88, TRU: 19
dairy_add_flavored_coffee_creamer	2	62	0.63	0.15	FAL: 88, TRU: 16
dairy_add_flavored_coffee_creamer	3	102	0.63	0.13	FAL: 148, TRU: 23
dairy_add_flavored_coffee_creamer	4	176	0.51	0.12	FAL: 159, TRU: 21
dairy_add_flavored_coffee_creamer	5	292	0.50	0.11	FAL: 257, TRU: 31
dairy_add_flavored_coffee_creamer	6	520	0.39	0.07	FAL: 309, TRU: 22
dairy_add_flavored_coffee_creamer	7	624	0.34	0.06	FAL: 296, TRU: 19
dairy_add_flavored_coffee_creamer	8	331	0.32	0.05	FAL: 151, TRU: 8
dairy_add_flavored_coffee_creamer	9	67	0.24	0.05	FAL: 20, TRU: 1

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
dairy_add_flavored_coffee_creamer	10	33	0.18	0.29	FAL: 5, TRU: 2
dairy_add_flavored_coffee_creamer	NA	88	0.15	0.00	FAL: 16
dairy_add_oat_milk	1	48	0.69	0.31	FAL: 74, TRU: 33
dairy_add_oat_milk	2	62	0.63	0.26	FAL: 77, TRU: 27
dairy_add_oat_milk	3	102	0.63	0.37	FAL: 107, TRU: 64
dairy_add_oat_milk	4	176	0.51	0.32	FAL: 123, TRU: 57
dairy_add_oat_milk	5	292	0.50	0.28	FAL: 206, TRU: 82
dairy_add_oat_milk	6	520	0.39	0.31	FAL: 227, TRU: 104
dairy_add_oat_milk	7	624	0.34	0.27	FAL: 231, TRU: 84
dairy_add_oat_milk	8	331	0.32	0.30	FAL: 112, TRU: 47
dairy_add_oat_milk	9	67	0.24	0.24	FAL: 16, TRU: 5
dairy_add_oat_milk	10	33	0.18	0.57	TRU: 4, FAL: 3
dairy_add_oat_milk	NA	88	0.15	0.25	FAL: 12, TRU: 4
dairy_add_almond_milk	1	48	0.69	0.10	FAL: 96, TRU: 11
dairy_add_almond_milk	2	62	0.63	0.10	FAL: 94, TRU: 10
dairy_add_almond_milk	3	102	0.63	0.09	FAL: 156, TRU: 15
dairy_add_almond_milk	4	176	0.51	0.12	FAL: 158, TRU: 22
dairy_add_almond_milk	5	292	0.50	0.09	FAL: 262, TRU: 26
dairy_add_almond_milk	6	520	0.39	0.09	FAL: 302, TRU: 29
dairy_add_almond_milk	7	624	0.34	0.07	FAL: 294, TRU: 21
dairy_add_almond_milk	8	331	0.32	0.06	FAL: 149, TRU: 10

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
dairy_add_almond_milk	9	67	0.24	0.00	FAL: 21
dairy_add_almond_milk	10	33	0.18	0.00	FAL: 7
dairy_add_almond_milk	NA	88	0.15	0.06	FAL: 15, TRU: 1
dairy_add_soy_milk	1	48	0.69	0.08	FAL: 98, TRU: 9
dairy_add_soy_milk	2	62	0.63	0.03	FAL: 101, TRU: 3
dairy_add_soy_milk	3	102	0.63	0.12	FAL: 150, TRU: 21
dairy_add_soy_milk	4	176	0.51	0.04	FAL: 173, TRU: 7
dairy_add_soy_milk	5	292	0.50	0.02	FAL: 281, TRU: 7
dairy_add_soy_milk	6	520	0.39	0.03	FAL: 321, TRU: 10
dairy_add_soy_milk	7	624	0.34	0.05	FAL: 299, TRU: 16
dairy_add_soy_milk	8	331	0.32	0.04	FAL: 152, TRU: 7
dairy_add_soy_milk	9	67	0.24	0.00	FAL: 21
dairy_add_soy_milk	10	33	0.18	0.00	FAL: 7
dairy_add_soy_milk	NA	88	0.15	0.06	FAL: 15, TRU: 1
dairy_add_other	1	48	0.69	0.00	FAL: 107
dairy_add_other	2	62	0.63	0.00	FAL: 104
dairy_add_other	3	102	0.63	0.00	FAL: 171
dairy_add_other	4	176	0.51	0.00	FAL: 180
dairy_add_other	5	292	0.50	0.00	FAL: 288
dairy_add_other	6	520	0.39	0.00	FAL: 331
dairy_add_other	7	624	0.34	0.00	FAL: 315
dairy_add_other	8	331	0.32	0.00	FAL: 159
dairy_add_other	9	67	0.24	0.00	FAL: 21
dairy_add_other	10	33	0.18	0.00	FAL: 7
dairy_add_other	NA	88	0.15	0.00	FAL: 16
sugar_sweetener_add_granulated_sugar	1	105	0.32	0.68	TRU: 34, FAL: 16
sugar_sweetener_add_granulated_sugar	2	121	0.27	0.58	TRU: 26, FAL: 19
sugar_sweetener_add_granulated_sugar	3	209	0.23	0.50	FAL: 32, TRU: 32

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
sugar_sweetener_add_granulated_sugar	4	297	0.17	0.56	TRU: 33, FAL: 26
sugar_sweetener_add_granulated_sugar	5	503	0.13	0.56	TRU: 43, FAL: 34
sugar_sweetener_add_granulated_sugar	6	764	0.10	0.55	TRU: 48, FAL: 39
sugar_sweetener_add_granulated_sugar	7	856	0.09	0.58	TRU: 48, FAL: 35
sugar_sweetener_add_granulated_sugar	8	452	0.08	0.58	TRU: 22, FAL: 16
sugar_sweetener_add_granulated_sugar	9	84	0.05	0.75	TRU: 3, FAL: 1
sugar_sweetener_add_granulated_sugar	10	37	0.07	0.67	TRU: 2, FAL: 1
sugar_sweetener_add_granulated_sugar	NA	97	0.07	0.29	FAL: 5, TRU: 2
sugar_sweetener_add_artificial_sweeteners	1	105	0.32	0.10	FAL: 45, TRU: 5
sugar_sweetener_add_artificial_sweeteners	2	121	0.27	0.18	FAL: 37, TRU: 8
sugar_sweetener_add_artificial_sweeteners	3	209	0.23	0.17	FAL: 53, TRU: 11
sugar_sweetener_add_artificial_sweeteners	4	297	0.17	0.19	FAL: 48, TRU: 11
sugar_sweetener_add_artificial_sweeteners	5	503	0.13	0.21	FAL: 61, TRU: 16
sugar_sweetener_add_artificial_sweeteners	6	764	0.10	0.23	FAL: 67, TRU: 20
sugar_sweetener_add_artificial_sweeteners	7	856	0.09	0.10	FAL: 75, TRU: 8
sugar_sweetener_add_artificial_sweeteners	8	452	0.08	0.26	FAL: 28, TRU: 10
sugar_sweetener_add_artificial_sweeteners	9	84	0.05	0.00	FAL: 4
sugar_sweetener_add_artificial_sweeteners	10	37	0.07	0.00	FAL: 3
sugar_sweetener_add_artificial_sweeteners	NA	97	0.07	0.29	FAL: 5, TRU: 2
sugar_sweetener_add_honey	1	105	0.32	0.16	FAL: 42, TRU: 8
sugar_sweetener_add_honey	2	121	0.27	0.04	FAL: 43, TRU: 2

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
sugar_sweetener_add_honey	3	209	0.23	0.16	FAL: 54, TRU: 10
sugar_sweetener_add_honey	4	297	0.17	0.19	FAL: 48, TRU: 11
sugar_sweetener_add_honey	5	503	0.13	0.13	FAL: 67, TRU: 10
sugar_sweetener_add_honey	6	764	0.10	0.16	FAL: 73, TRU: 14
sugar_sweetener_add_honey	7	856	0.09	0.10	FAL: 75, TRU: 8
sugar_sweetener_add_honey	8	452	0.08	0.16	FAL: 32, TRU: 6
sugar_sweetener_add_honey	9	84	0.05	0.00	FAL: 4
sugar_sweetener_add_honey	10	37	0.07	0.00	FAL: 3
sugar_sweetener_add_honey	NA	97	0.07	0.14	FAL: 6, TRU: 1
sugar_sweetener_add_maple_syrup	1	105	0.32	0.10	FAL: 45, TRU: 5
sugar_sweetener_add_maple_syrup	2	121	0.27	0.07	FAL: 42, TRU: 3
sugar_sweetener_add_maple_syrup	3	209	0.23	0.05	FAL: 61, TRU: 3
sugar_sweetener_add_maple_syrup	4	297	0.17	0.08	FAL: 54, TRU: 5
sugar_sweetener_add_maple_syrup	5	503	0.13	0.04	FAL: 74, TRU: 3
sugar_sweetener_add_maple_syrup	6	764	0.10	0.07	FAL: 81, TRU: 6
sugar_sweetener_add_maple_syrup	7	856	0.09	0.08	FAL: 76, TRU: 7
sugar_sweetener_add_maple_syrup	8	452	0.08	0.11	FAL: 34, TRU: 4
sugar_sweetener_add_maple_syrup	9	84	0.05	0.00	FAL: 4
sugar_sweetener_add_maple_syrup	10	37	0.07	0.33	FAL: 2, TRU: 1
sugar_sweetener_add_maple_syrup	NA	97	0.07	0.00	FAL: 7
sugar_sweetener_add_stevia	1	105	0.32	0.12	FAL: 44, TRU: 6
sugar_sweetener_add_stevia	2	121	0.27	0.09	FAL: 41, TRU: 4

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
sugar_sweetener_add_stevia	3	209	0.23	0.09	FAL: 58, TRU: 6
sugar_sweetener_add_stevia	4	297	0.17	0.15	FAL: 50, TRU: 9
sugar_sweetener_add_stevia	5	503	0.13	0.10	FAL: 69, TRU: 8
sugar_sweetener_add_stevia	6	764	0.10	0.09	FAL: 79, TRU: 8
sugar_sweetener_add_stevia	7	856	0.09	0.08	FAL: 76, TRU: 7
sugar_sweetener_add_stevia	8	452	0.08	0.08	FAL: 35, TRU: 3
sugar_sweetener_add_stevia	9	84	0.05	0.00	FAL: 4
sugar_sweetener_add_stevia	10	37	0.07	0.00	FAL: 3
sugar_sweetener_add_stevia	NA	97	0.07	0.00	FAL: 7
sugar_sweetener_add_agave_nectar	1	105	0.32	0.06	FAL: 47, TRU: 3
sugar_sweetener_add_agave_nectar	2	121	0.27	0.02	FAL: 44, TRU: 1
sugar_sweetener_add_agave_nectar	3	209	0.23	0.03	FAL: 62, TRU: 2
sugar_sweetener_add_agave_nectar	4	297	0.17	0.02	FAL: 58, TRU: 1
sugar_sweetener_add_agave_nectar	5	503	0.13	0.01	FAL: 76, TRU: 1
sugar_sweetener_add_agave_nectar	6	764	0.10	0.01	FAL: 86, TRU: 1
sugar_sweetener_add_agave_nectar	7	856	0.09	0.02	FAL: 81, TRU: 2
sugar_sweetener_add_agave_nectar	8	452	0.08	0.11	FAL: 34, TRU: 4
sugar_sweetener_add_agave_nectar	9	84	0.05	0.00	FAL: 4
sugar_sweetener_add_agave_nectar	10	37	0.07	0.00	FAL: 3
sugar_sweetener_add_agave_nectar	NA	97	0.07	0.00	FAL: 7
sugar_sweetener_add_brown_sugar	1	105	0.32	0.26	FAL: 37, TRU: 13
sugar_sweetener_add_brown_sugar	2	121	0.27	0.22	FAL: 35, TRU: 10
sugar_sweetener_add_brown_sugar	3	209	0.23	0.14	FAL: 55, TRU: 9

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
sugar_sweetener_add_brown_sugar	4	297	0.17	0.15	FAL: 50, TRU: 9
sugar_sweetener_add_brown_sugar	5	503	0.13	0.05	FAL: 73, TRU: 4
sugar_sweetener_add_brown_sugar	6	764	0.10	0.11	FAL: 77, TRU: 10
sugar_sweetener_add_brown_sugar	7	856	0.09	0.13	FAL: 72, TRU: 11
sugar_sweetener_add_brown_sugar	8	452	0.08	0.16	FAL: 32, TRU: 6
sugar_sweetener_add_brown_sugar	9	84	0.05	0.25	FAL: 3, TRU: 1
sugar_sweetener_add_brown_sugar	10	37	0.07	0.00	FAL: 3
sugar_sweetener_add_brown_sugar	NA	97	0.07	0.14	FAL: 6, TRU: 1
sugar_sweetener_add_raw_sugar	1	105	0.32	0.14	FAL: 43, TRU: 7
sugar_sweetener_add_raw_sugar	2	121	0.27	0.18	FAL: 37, TRU: 8
sugar_sweetener_add_raw_sugar	3	209	0.23	0.25	FAL: 48, TRU: 16
sugar_sweetener_add_raw_sugar	4	297	0.17	0.20	FAL: 47, TRU: 12
sugar_sweetener_add_raw_sugar	5	503	0.13	0.17	FAL: 64, TRU: 13
sugar_sweetener_add_raw_sugar	6	764	0.10	0.25	FAL: 65, TRU: 22
sugar_sweetener_add_raw_sugar	7	856	0.09	0.33	FAL: 56, TRU: 27
sugar_sweetener_add_raw_sugar	8	452	0.08	0.24	FAL: 29, TRU: 9
sugar_sweetener_add_raw_sugar	9	84	0.05	0.25	FAL: 3, TRU: 1
sugar_sweetener_add_raw_sugar	10	37	0.07	0.00	FAL: 3
sugar_sweetener_add_raw_sugar	NA	97	0.07	0.14	FAL: 6, TRU: 1
other_flavoring	1	155	0.00	NaN	:
other_flavoring	2	166	0.00	NaN	:
other_flavoring	3	273	0.00	NaN	:
other_flavoring	4	356	0.00	NaN	:
other_flavoring	5	580	0.00	NaN	:

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
other_flavoring	6	851	0.00	NaN	:
other_flavoring	7	939	0.00	NaN	:
other_flavoring	8	490	0.00	NaN	:
other_flavoring	9	88	0.00	NaN	:
other_flavoring	10	40	0.00	NaN	:
other_flavoring	NA	104	0.00	NaN	:
reason_it_tastes_good	1	17	0.89	0.56	TRU: 77, FAL: 61
reason_it_tastes_good	2	16	0.90	0.83	TRU: 125, FAL: 25
reason_it_tastes_good	3	32	0.88	0.87	TRU: 210, FAL: 31
reason_it_tastes_good	4	46	0.87	0.92	TRU: 285, FAL: 25
reason_it_tastes_good	5	51	0.91	0.95	TRU: 503, FAL: 26
reason_it_tastes_good	6	72	0.92	0.98	TRU: 767, FAL: 12
reason_it_tastes_good	7	88	0.91	0.97	TRU: 824, FAL: 27
reason_it_tastes_good	8	32	0.93	0.98	TRU: 451, FAL: 7
reason_it_tastes_good	9	8	0.91	1.00	TRU: 80
reason_it_tastes_good	10	6	0.85	0.97	TRU: 33, FAL: 1
reason_it_tastes_good	NA	104	0.00	NaN	:
reason_i_need_the_caffeine	1	17	0.89	0.51	TRU: 71, FAL: 67
reason_i_need_the_caffeine	2	16	0.90	0.57	TRU: 85, FAL: 65
reason_i_need_the_caffeine	3	32	0.88	0.59	TRU: 143, FAL: 98
reason_i_need_the_caffeine	4	46	0.87	0.58	TRU: 179, FAL: 131
reason_i_need_the_caffeine	5	51	0.91	0.55	TRU: 290, FAL: 239
reason_i_need_the_caffeine	6	72	0.92	0.60	TRU: 468, FAL: 311
reason_i_need_the_caffeine	7	88	0.91	0.56	TRU: 480, FAL: 371

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
reason_i_need_the_caffeine	8	32	0.93	0.55	TRU: 250, FAL: 208
reason_i_need_the_caffeine	9	8	0.91	0.48	FAL: 42, TRU: 38
reason_i_need_the_caffeine	10	6	0.85	0.50	FAL: 17, TRU: 17
reason_i_need_the_caffeine	NA	104	0.00	NaN	:
reason_i_need_the_ritual	1	17	0.89	0.25	FAL: 103, TRU: 35
reason_i_need_the_ritual	2	16	0.90	0.41	FAL: 89, TRU: 61
reason_i_need_the_ritual	3	32	0.88	0.39	FAL: 148, TRU: 93
reason_i_need_the_ritual	4	46	0.87	0.51	TRU: 159, FAL: 151
reason_i_need_the_ritual	5	51	0.91	0.50	TRU: 265, FAL: 264
reason_i_need_the_ritual	6	72	0.92	0.57	TRU: 441, FAL: 338
reason_i_need_the_ritual	7	88	0.91	0.60	TRU: 513, FAL: 338
reason_i_need_the_ritual	8	32	0.93	0.62	TRU: 286, FAL: 172
reason_i_need_the_ritual	9	8	0.91	0.61	TRU: 49, FAL: 31
reason_i_need_the_ritual	10	6	0.85	0.59	TRU: 20, FAL: 14
reason_i_need_the_ritual	NA	104	0.00	NaN	:
reason_it_makes_me_go_to_the_bathroom	1	17	0.89	0.17	FAL: 114, TRU: 24
reason_it_makes_me_go_to_the_bathroom	2	16	0.90	0.16	FAL: 126, TRU: 24
reason_it_makes_me_go_to_the_bathroom	3	32	0.88	0.13	FAL: 210, TRU: 31
reason_it_makes_me_go_to_the_bathroom	4	46	0.87	0.14	FAL: 266, TRU: 44
reason_it_makes_me_go_to_the_bathroom	5	51	0.91	0.14	FAL: 453, TRU: 76
reason_it_makes_me_go_to_the_bathroom	6	72	0.92	0.14	FAL: 667, TRU: 112

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	count
reason_it_makes_me_go_to_the_bathroom	7	88	0.91	0.12	FAL: 749, TRU: 102
reason_it_makes_me_go_to_the_bathroom	8	32	0.93	0.09	FAL: 416, TRU: 42
reason_it_makes_me_go_to_the_bathroom	9	8	0.91	0.10	FAL: 72, TRU: 8
reason_it_makes_me_go_to_the_bathroom	10	6	0.85	0.06	FAL: 32, TRU: 2
reason_it_makes_me_go_to_the_bathroom	NA	104	0.00	NaN	:
reason_other	1	17	0.89	0.24	FAL: 105, TRU: 33
reason_other	2	16	0.90	0.08	FAL: 138, TRU: 12
reason_other	3	32	0.88	0.04	FAL: 231, TRU: 10
reason_other	4	46	0.87	0.03	FAL: 300, TRU: 10
reason_other	5	51	0.91	0.04	FAL: 507, TRU: 22
reason_other	6	72	0.92	0.03	FAL: 753, TRU: 26
reason_other	7	88	0.91	0.03	FAL: 822, TRU: 29
reason_other	8	32	0.93	0.04	FAL: 438, TRU: 20
reason_other	9	8	0.91	0.05	FAL: 76, TRU: 4
reason_other	10	6	0.85	0.06	FAL: 32, TRU: 2
reason_other	NA	104	0.00	NaN	:

Variable type: numeric

skim_variable	own_coffee_expertise	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_a_-_bitterness	1	4	0.97	2.50	1.17	1	2.00	2.0	3.00	5	
coffee_a_-_bitterness	2	5	0.97	2.24	1.07	1	1.00	2.0	3.00	5	
coffee_a_-_bitterness	3	9	0.97	2.31	1.03	1	2.00	2.0	3.00	5	

skim_variable	own_coffee_exp	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_a_-_bitterness	4	11	0.97	2.21	0.94	1	2.00	2.0	3.00	5	
coffee_a_-_bitterness	5	20	0.97	2.21	0.98	1	1.00	2.0	3.00	5	
coffee_a_-_bitterness	6	30	0.96	2.05	0.86	1	1.00	2.0	2.00	5	
coffee_a_-_bitterness	7	47	0.95	2.09	0.90	1	1.00	2.0	3.00	5	
coffee_a_-_bitterness	8	14	0.97	2.07	0.91	1	1.00	2.0	3.00	5	
coffee_a_-_bitterness	9	5	0.94	1.95	0.85	1	1.00	2.0	2.00	5	
coffee_a_-_bitterness	10	3	0.92	2.00	1.13	1	1.00	2.0	2.00	5	
coffee_a_-_bitterness	NA	96	0.08	2.38	1.19	1	1.00	3.0	3.00	4	
coffee_a_-_acidity	1	5	0.97	3.34	1.17	1	3.00	3.0	4.00	5	
coffee_a_-_acidity	2	6	0.96	3.61	1.05	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	3	10	0.96	3.55	1.08	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	4	14	0.96	3.58	0.97	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	5	23	0.96	3.58	1.01	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	6	35	0.96	3.70	0.94	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	7	51	0.95	3.71	0.92	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	8	14	0.97	3.59	1.00	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	9	5	0.94	3.71	0.83	1	3.00	4.0	4.00	5	
coffee_a_-_acidity	10	3	0.92	3.86	1.03	1	3.00	4.0	5.00	5	
coffee_a_-_acidity	NA	97	0.07	4.29	0.49	4	4.00	4.0	4.50	5	
coffee_a_-_personal_preference	1	4	0.97	2.69	1.24	1	2.00	3.0	4.00	5	

skim_variable	own_coffee_exp	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_a_-_personal_preference	2	5	0.97	2.86	1.24	1	2.00	3.0	4.00	5	
coffee_a_-_personal_preference	3	10	0.96	2.88	1.16	1	2.00	3.0	4.00	5	
coffee_a_-_personal_preference	4	13	0.96	3.07	1.18	1	2.00	3.0	4.00	5	
coffee_a_-_personal_preference	5	22	0.96	3.23	1.19	1	2.00	3.0	4.00	5	
coffee_a_-_personal_preference	6	32	0.96	3.40	1.14	1	3.00	4.0	4.00	5	
coffee_a_-_personal_preference	7	47	0.95	3.52	1.15	1	3.00	4.0	4.00	5	
coffee_a_-_personal_preference	8	16	0.97	3.58	1.08	1	3.00	4.0	4.00	5	
coffee_a_-_personal_preference	9	5	0.94	3.60	1.17	1	3.00	4.0	4.00	5	
coffee_a_-_personal_preference	10	3	0.92	3.41	1.34	1	2.00	4.0	4.00	5	
coffee_a_-_personal_preference	NA	96	0.08	2.88	1.36	1	2.00	2.5	4.00	5	
coffee_b_-_bitterness	1	5	0.97	2.97	1.07	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	2	7	0.96	2.76	0.97	1	2.00	3.0	3.00	5	
coffee_b_-_bitterness	3	12	0.96	2.97	0.99	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	4	12	0.97	2.99	1.01	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	5	23	0.96	2.97	1.00	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	6	32	0.96	3.04	0.95	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	7	50	0.95	3.06	0.99	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	8	16	0.97	3.05	1.01	1	2.00	3.0	4.00	5	
coffee_b_-_bitterness	9	5	0.94	3.19	1.02	1	3.00	3.0	4.00	5	
coffee_b_-_bitterness	10	4	0.90	3.06	1.24	1	2.00	3.0	4.00	5	

skim_variable	own_coffee_exp	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_b_-_bitterness	NA	96	0.08	2.50	0.93	1	2.00	2.5	3.00	4	
coffee_b_-_acidity	1	4	0.97	2.41	1.06	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	2	7	0.96	2.40	0.93	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	3	13	0.95	2.21	0.82	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	4	14	0.96	2.25	0.87	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	5	24	0.96	2.30	0.88	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	6	37	0.96	2.21	0.84	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	7	53	0.94	2.19	0.85	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	8	16	0.97	2.11	0.82	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	9	6	0.93	2.17	0.86	1	2.00	2.0	3.00	5	
coffee_b_-_acidity	10	4	0.90	2.14	0.90	1	1.00	2.0	3.00	4	
coffee_b_-_acidity	NA	97	0.07	2.57	1.27	1	1.50	3.0	3.50	4	
coffee_b_-_personal_preference	1	4	0.97	3.03	1.29	1	2.00	3.0	4.00	5	
coffee_b_-_personal_preference	2	6	0.96	3.30	1.16	1	2.00	3.0	4.00	5	
coffee_b_-_personal_preference	3	12	0.96	3.29	1.13	1	2.00	3.0	4.00	5	
coffee_b_-_personal_preference	4	15	0.96	3.20	1.17	1	2.00	3.0	4.00	5	
coffee_b_-_personal_preference	5	24	0.96	3.15	1.10	1	2.00	3.0	4.00	5	
coffee_b_-_personal_preference	6	36	0.96	3.16	1.08	1	2.00	3.0	4.00	5	
coffee_b_-_personal_preference	7	50	0.95	2.97	1.06	1	2.00	3.0	4.00	5	
coffee_b_-_personal_preference	8	16	0.97	2.84	1.06	1	2.00	3.0	4.00	5	

skim_variable	own_coffee_exp	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_b_-_personal_preference	9	5	0.94	2.58	1.11	1	2.00	3.0	3.00	5	
coffee_b_-_personal_preference	10	4	0.90	2.58	1.18	1	2.00	3.0	3.00	5	
coffee_b_-_personal_preference	NA	97	0.07	3.43	1.13	1	3.50	4.0	4.00	4	
coffee_c_-_bitterness	1	4	0.97	2.93	1.05	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	2	7	0.96	2.92	1.04	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	3	13	0.95	2.92	0.98	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	4	14	0.96	3.07	0.99	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	5	27	0.95	3.04	1.02	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	6	35	0.96	3.04	0.98	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	7	53	0.94	3.15	0.95	1	3.00	3.0	4.00	5	
coffee_c_-_bitterness	8	16	0.97	3.14	1.03	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	9	6	0.93	3.35	0.97	1	3.00	3.0	4.00	5	
coffee_c_-_bitterness	10	4	0.90	3.06	1.37	1	2.00	3.0	4.00	5	
coffee_c_-_bitterness	NA	99	0.05	3.60	0.89	3	3.00	3.0	4.00	5	
coffee_c_-_acidity	1	4	0.97	2.47	0.94	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	2	8	0.95	2.52	0.96	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	3	13	0.95	2.52	0.94	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	4	15	0.96	2.42	0.96	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	5	30	0.95	2.43	0.94	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	6	39	0.95	2.37	0.90	1	2.00	2.0	3.00	5	

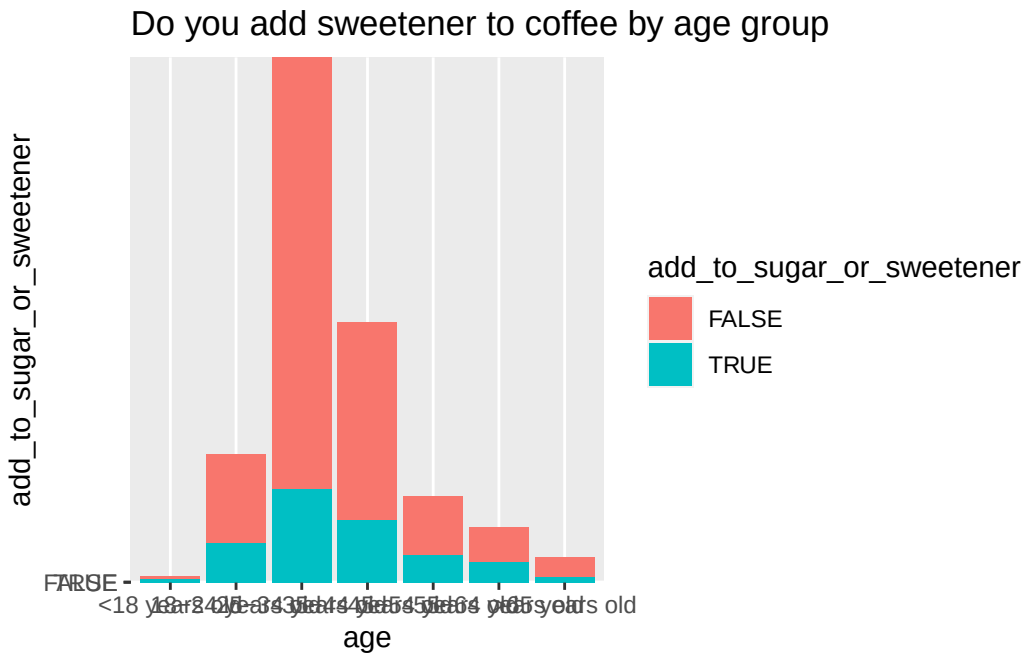
skim_variable	own_coffee_exp	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_c_-_acidity	7	55	0.94	2.29	0.87	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	8	17	0.97	2.22	0.91	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	9	6	0.93	2.30	0.94	1	2.00	2.0	3.00	4	
coffee_c_-_acidity	10	4	0.90	2.36	1.07	1	2.00	2.0	3.00	5	
coffee_c_-_acidity	NA	100	0.04	3.00	1.41	1	2.50	3.5	4.00	4	
coffee_c_-_personal_preference	1	4	0.97	3.01	1.21	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	2	7	0.96	3.13	1.06	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	3	12	0.96	3.27	1.10	1	3.00	3.0	4.00	5	
coffee_c_-_personal_preference	4	14	0.96	3.17	1.15	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	5	26	0.96	3.15	1.11	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	6	36	0.96	3.16	1.10	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	7	51	0.95	2.98	1.12	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	8	16	0.97	2.85	1.14	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	9	6	0.93	2.78	1.18	1	2.00	3.0	4.00	5	
coffee_c_-_personal_preference	10	4	0.90	2.58	1.11	1	2.00	3.0	3.00	5	
coffee_c_-_personal_preference	NA	100	0.04	2.50	1.29	1	1.75	2.5	3.25	4	
coffee_d_-_bitterness	1	5	0.97	2.39	1.29	1	1.00	2.0	3.00	5	
coffee_d_-_bitterness	2	7	0.96	2.55	1.20	1	2.00	2.0	3.00	5	
coffee_d_-_bitterness	3	13	0.95	2.39	1.16	1	2.00	2.0	3.00	5	
coffee_d_-_bitterness	4	13	0.96	2.31	1.14	1	1.00	2.0	3.00	5	

skim_variable	own_coffee_exp	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_d_-_bitterness	5	24	0.96	2.29	1.12	1	1.00	2.0	3.00	5	
coffee_d_-_bitterness	6	36	0.96	2.13	1.04	1	1.00	2.0	3.00	5	
coffee_d_-_bitterness	7	52	0.94	2.03	1.00	1	1.00	2.0	3.00	5	
coffee_d_-_bitterness	8	16	0.97	1.97	0.98	1	1.00	2.0	3.00	5	
coffee_d_-_bitterness	9	6	0.93	1.80	0.96	1	1.00	2.0	2.00	5	
coffee_d_-_bitterness	10	4	0.90	1.83	0.94	1	1.00	2.0	2.00	5	
coffee_d_-_bitterness	NA	99	0.05	2.20	1.30	1	1.00	2.0	3.00	4	
coffee_d_-_acidity	1	4	0.97	3.78	1.15	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	2	7	0.96	3.75	1.08	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	3	12	0.96	3.78	1.13	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	4	13	0.96	3.78	1.06	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	5	26	0.96	3.88	1.05	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	6	37	0.96	3.86	0.99	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	7	53	0.94	3.90	0.95	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	8	17	0.97	3.91	0.94	1	3.00	4.0	5.00	5	
coffee_d_-_acidity	9	6	0.93	3.87	0.87	1	3.00	4.0	4.00	5	
coffee_d_-_acidity	10	4	0.90	3.97	1.03	1	4.00	4.0	5.00	5	
coffee_d_-_acidity	NA	98	0.06	4.17	0.41	4	4.00	4.0	4.00	5	
coffee_d_-_personal_preference	1	4	0.97	2.52	1.42	1	1.00	2.0	4.00	5	
coffee_d_-_personal_preference	2	6	0.96	2.66	1.42	1	1.00	2.0	4.00	5	

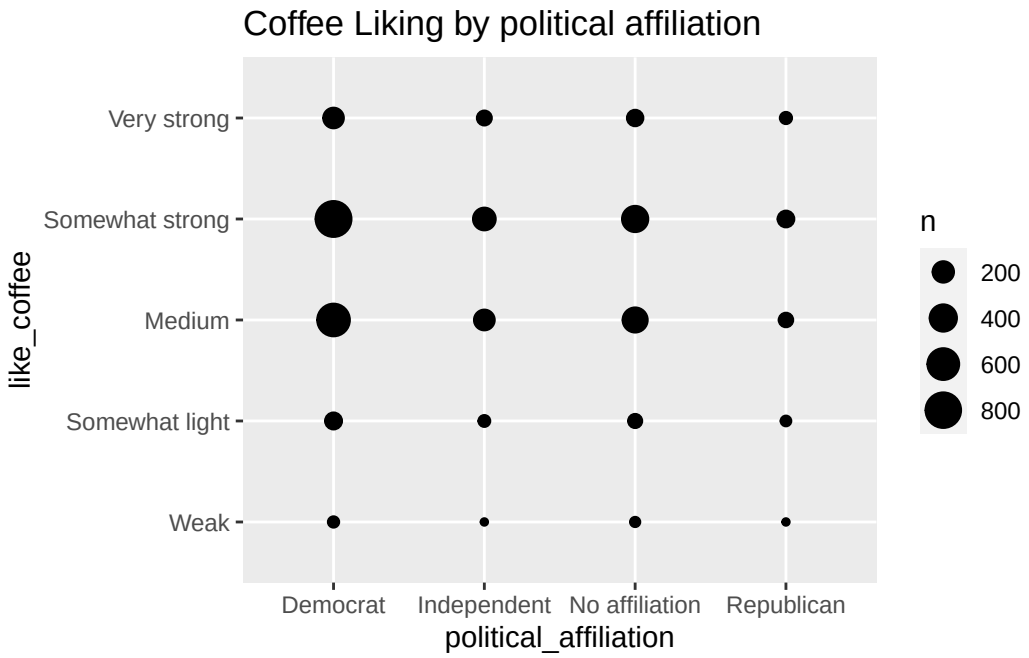
skim_variable	own_coffee_exp	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
coffee_d_-_personal_preference	3	12	0.96	2.74	1.42	1	1.00	3.0	4.00	5	
coffee_d_-_personal_preference	4	16	0.96	2.91	1.40	1	2.00	3.0	4.00	5	
coffee_d_-_personal_preference	5	27	0.95	3.13	1.48	1	2.00	3.0	4.00	5	
coffee_d_-_personal_preference	6	39	0.95	3.47	1.44	1	2.00	4.0	5.00	5	
coffee_d_-_personal_preference	7	48	0.95	3.69	1.35	1	3.00	4.0	5.00	5	
coffee_d_-_personal_preference	8	16	0.97	3.92	1.27	1	3.00	4.0	5.00	5	
coffee_d_-_personal_preference	9	6	0.93	4.13	1.18	1	4.00	5.0	5.00	5	
coffee_d_-_personal_preference	10	4	0.90	4.08	1.11	1	4.00	4.0	5.00	5	
coffee_d_-_personal_preference	NA	100	0.04	4.00	0.82	3	3.75	4.0	4.25	5	

-People with higher expertise have more of a tendency to make pour overs (most common). Espresso is more common across everyone but still people with higher expertise have a higher frequency for this -Relationship between type of coffee machine, where people get coffee, how often they drink, caffeine. Sample question to look into could be: do people who get coffee on the go more like more caffeine, either instant or higher quality? -Experienced people seem to not add sweeteners (different from dairy) to their coffee - Do younger people prefer certain types of dairy/sweetners/flavors? (for example oat milk is more common these days)

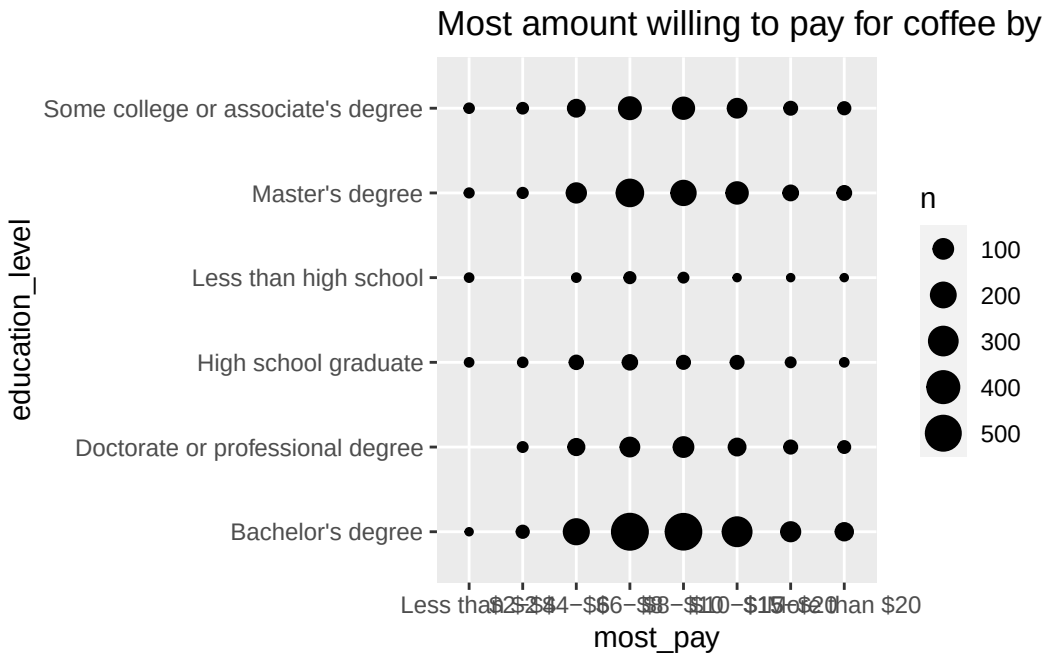
```
#sweetener by age
coffee_clean_factors |>
  select(age, add_to_sugar_or_sweetener)|>
  drop_na() |>
  ggplot(aes(x = age,
             y = add_to_sugar_or_sweetener,
             fill = add_to_sugar_or_sweetener)) +
  geom_col() +
  labs(title = "Do you add sweetener to coffee by age group")
```



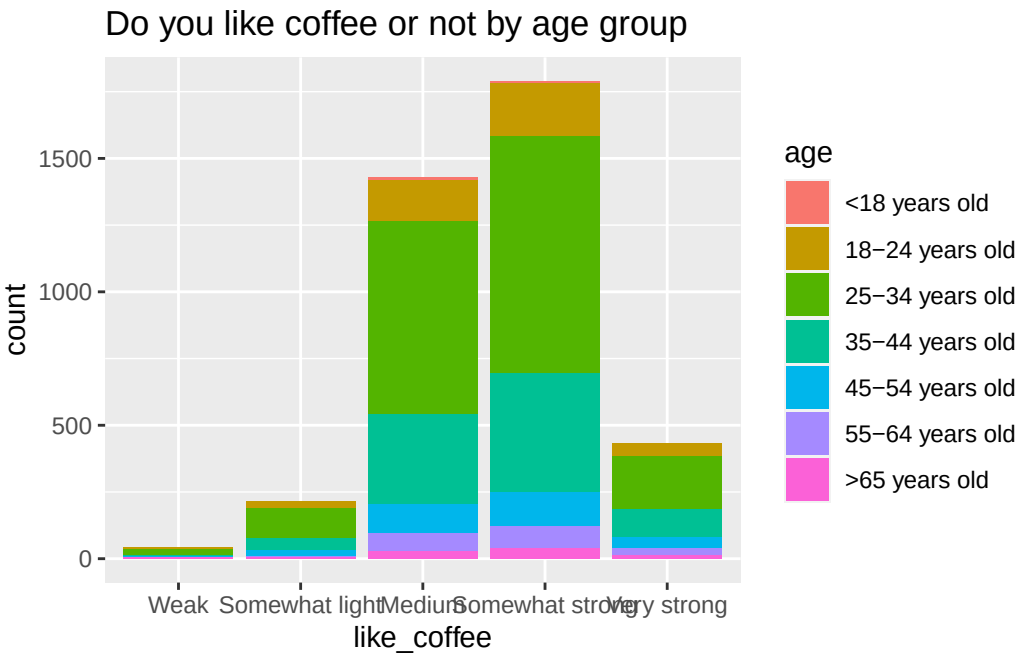

```
#coffee payment political affiliation
coffee_clean_factors |>
  select(political_affiliation, like_coffee) |>
  drop_na() |>
  ggplot(aes(x = political_affiliation, y = like_coffee)) +
  geom_count() +
  labs(title = "Coffee Liking by political affiliation")
```



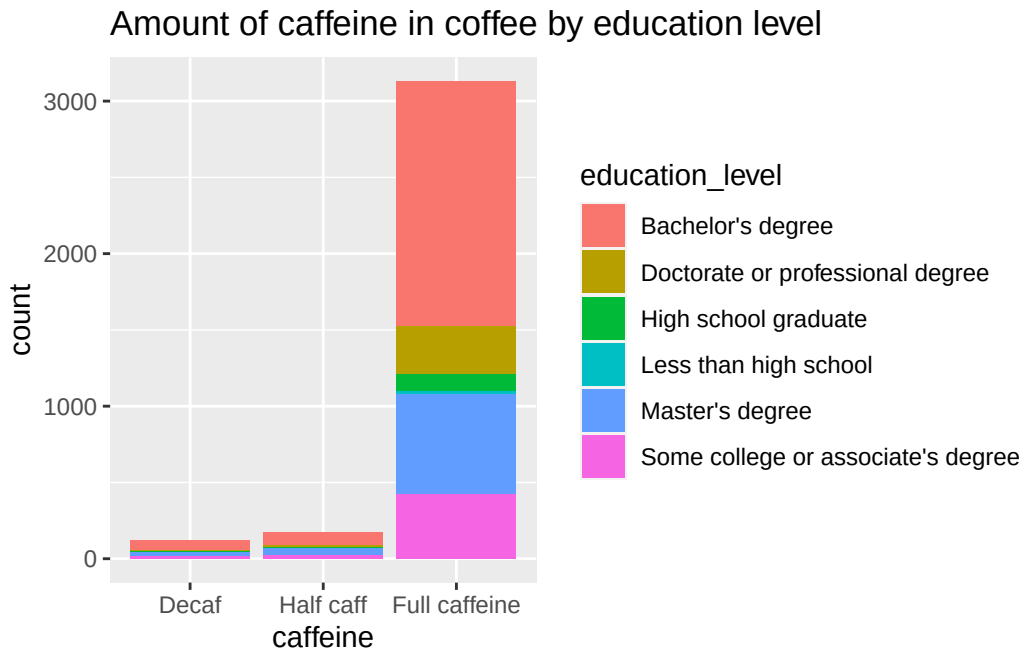

```
#coffee expected and actual pay
coffee_clean_factors |>
  select(most_pay, education_level) |>
  drop_na() |>
  ggplot(aes(x = most_pay, y = education_level)) +
  geom_count() +
  labs(title = "Most amount willing to pay for coffee by education level")
```




```
#coffee like or not by age
coffee_clean_factors |>
  select(like_coffee, age) |>
  drop_na() |>
  ggplot(aes(x = like_coffee, fill = age)) +
  geom_bar() +
  labs(title = "Do you like coffee or not by age group")
```

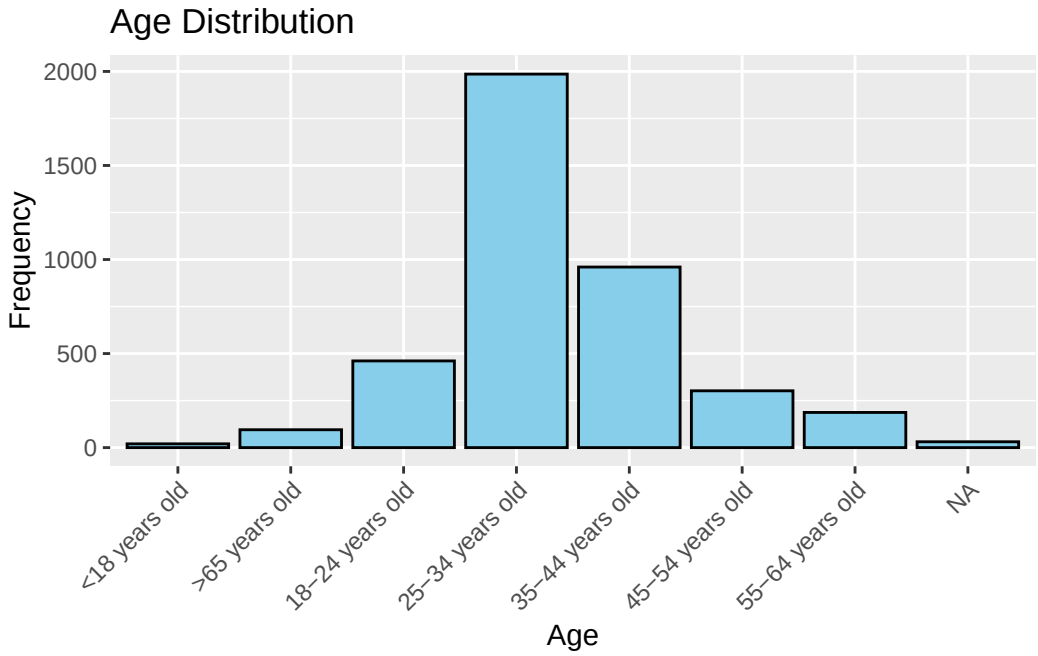



```
#amount of caffeine by education level
coffee_clean_factors |>
  select(caffeine, education_level) |>
  drop_na() |>
  ggplot(aes(x = caffeine, fill = education_level)) +
  geom_bar() +
  labs(title = "Amount of caffeine in coffee by education level")
```

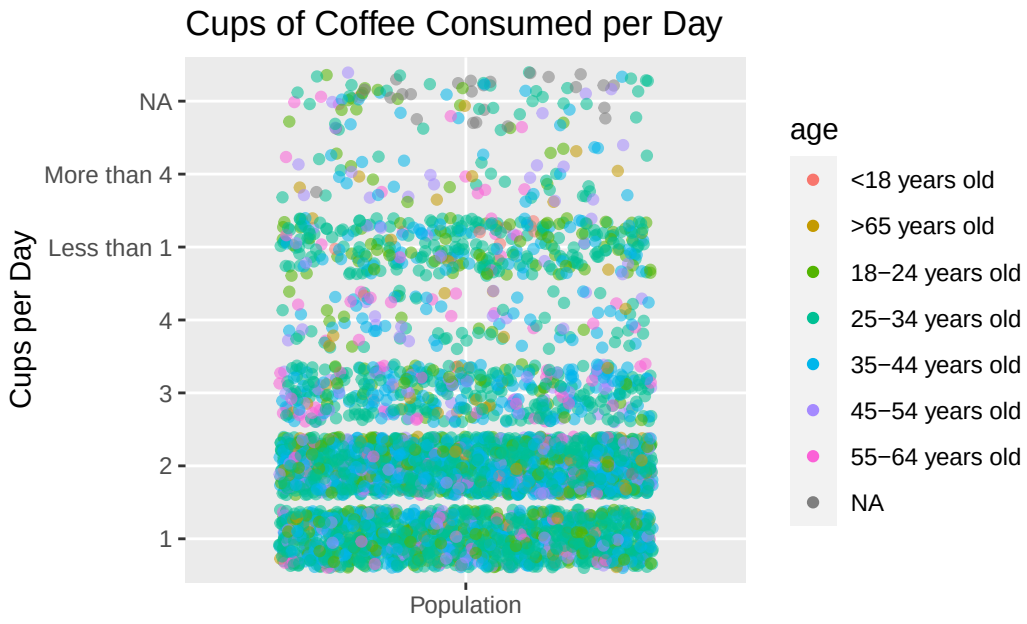



```
# Histogram of Age Distribution
ggplot(coffee_clean, aes(x = age)) +
  geom_histogram(stat = "count",binwidth = 5, fill = "skyblue", color = "black") +
  labs(title = "Age Distribution",
       x = "Age",
       y = "Frequency")+
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
```

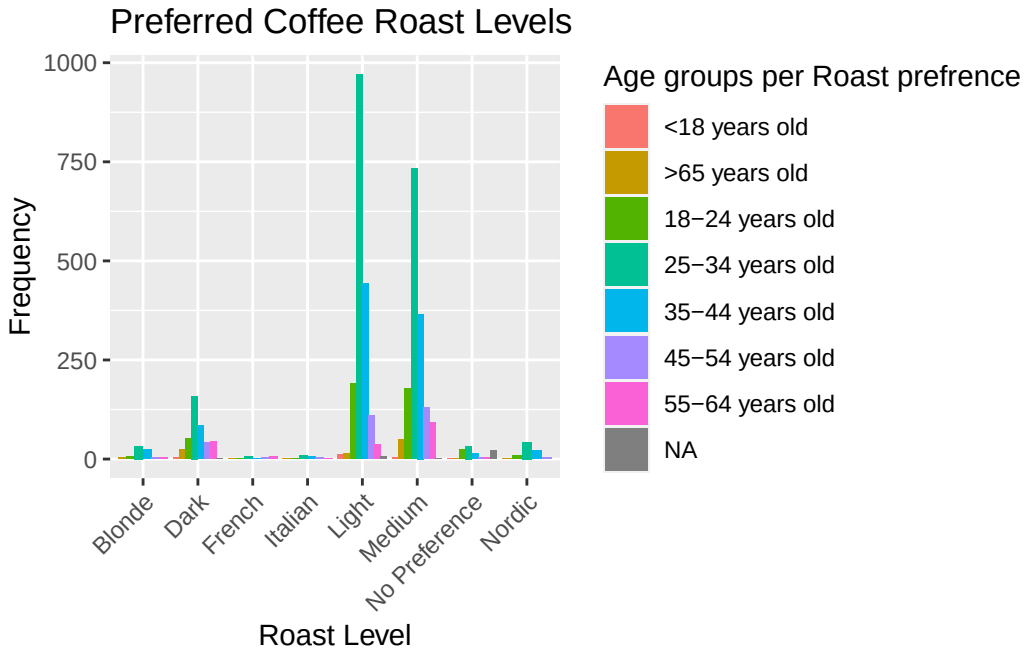
```
Warning in geom_histogram(stat = "count", binwidth = 5, fill = "skyblue", :
Ignoring unknown parameters: `binwidth`, `bins`, and `pad`
```




```
# Plot of Cups of Coffee Consumed per Day
ggplot(coffee_clean, aes(x = "Population", y = cups_of_coffee_per_day, color= age, alpha= 0.5
  geom_jitter() +
  labs(title = "Cups of Coffee Consumed per Day",
       x = "",
       y = "Cups per Day")+
  guides(alpha = "none")
```




```r
#Preferred roast levels
# preprocess the data
coffee_clean_roast <- coffee_clean %>%
  mutate(roast_level = ifelse(is.na(roast_level), "No Preference", roast_level))

ggplot(coffee_clean_roast, aes(x = roast_level, fill= age)) +
  geom_bar(position = "dodge") +
  labs(title = "Preferred Coffee Roast Levels",
       x = "Roast Level",
       y = "Frequency",
       fill= "Age groups per Roast prefrence") +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
```




```
# Plot for top 10 brewing methods
# processing brewing methods
brewing_method_counts <- coffee_clean %>%
  filter(!is.na(employment_status)) %>%
  mutate(how_else_at_home = str_replace_all(str_trim(tolower(how_else_at_home)), "\\s+", "")
  mutate(how_else_at_home = ifelse(is.na(how_else_at_home), "No Brewing at home", how_else_at
  count(how_else_at_home, employment_status) %>%
  ungroup() %>%
  arrange(how_else_at_home, desc(n))

t10_brews <- top_n(brewing_method_counts,20)
```

```
Selecting by n
```

```
ggplot(t10_brews, aes(x = t10_brews$how_else_at_home,
                      y= n,
                          fill = t10_brews$employment_status)) +
  geom_col(position = "dodge") +
  labs(title = "Preferred Brewing Methods at Home by Employment Status",
       x = "Brewing Method",
       y = "Count",
       fill= "employment status") +
  theme_minimal() +
```

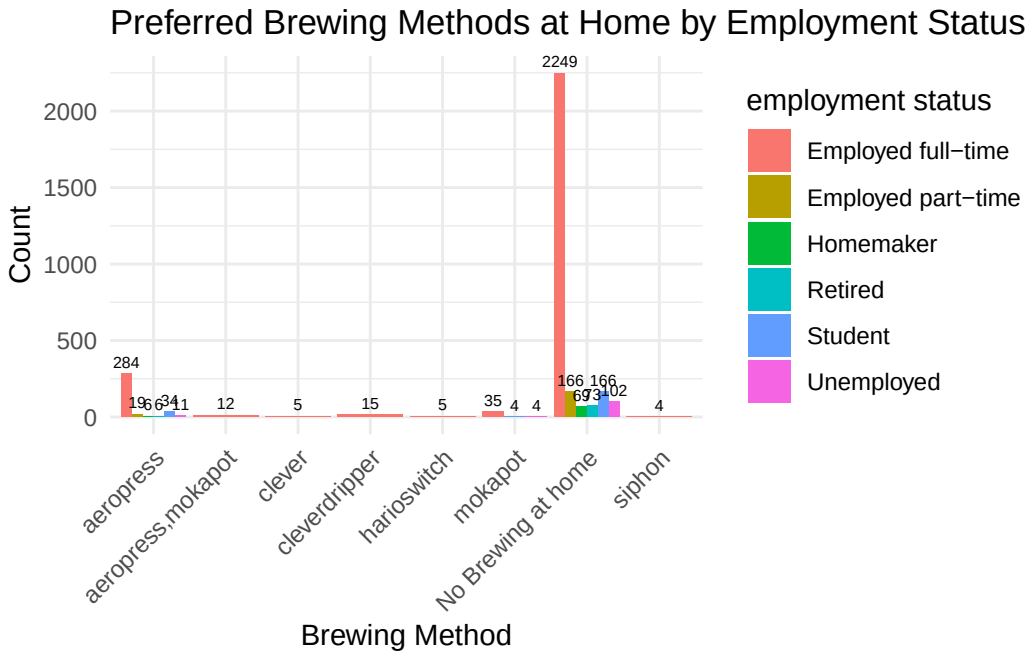
```
  theme(axis.text.x = element_text(angle = 45, hjust = 1),
        legend.position = "right")+
  geom_text(aes(label = n, y = n), position = position_dodge(width = 0.9), vjust = -0.5, colo
```

```
Warning: Use of `t10_brews$how_else_at_home` is discouraged.
i Use `how_else_at_home` instead.
```

```
Warning: Use of `t10_brews$employment_status` is discouraged.
i Use `employment_status` instead.
```

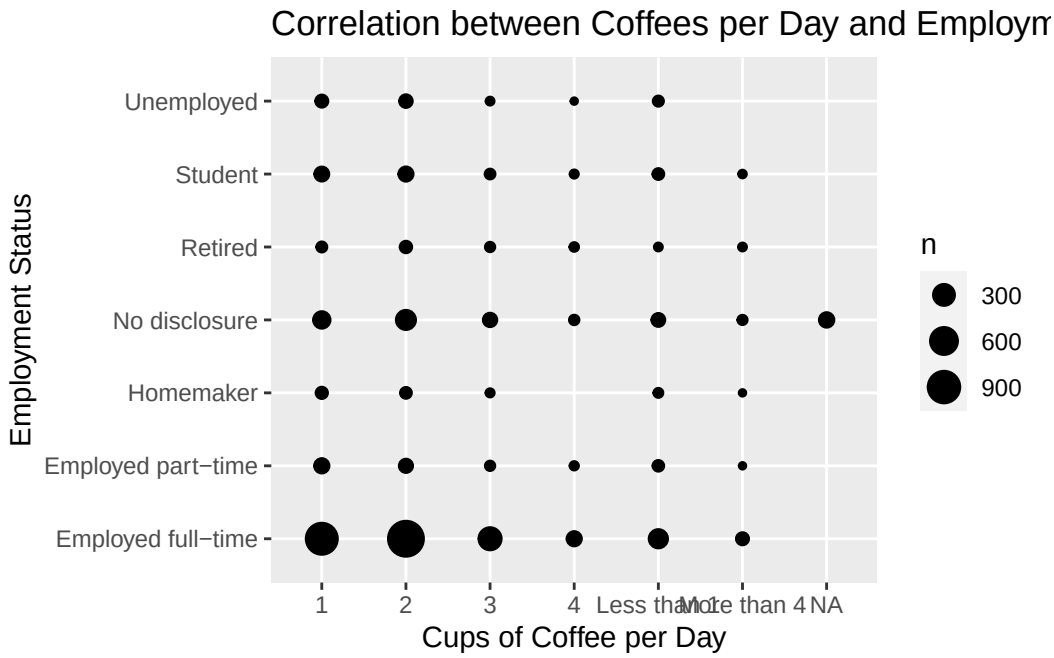
```
Warning: Use of `t10_brews$how_else_at_home` is discouraged.
i Use `how_else_at_home` instead.
```

```
Warning: Use of `t10_brews$employment_status` is discouraged.
i Use `employment_status` instead.
```

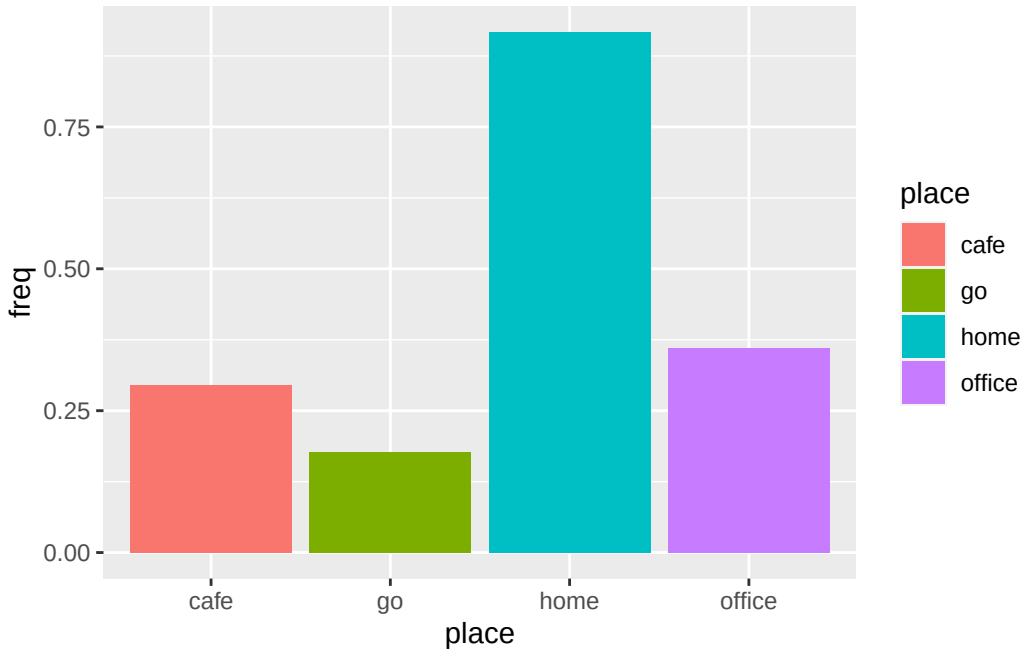



```
# Coffees per day and Employment
coffee_clean_employ= coffee_clean|>
  mutate(employment_status = ifelse(is.na(employment_status), "No disclosure", employment_sta
ggplot(coffee_clean_employ, aes(x = cups_of_coffee_per_day, y = employment_status)) +
  geom_count() +
```

```
  labs(title = "Correlation between Coffees per Day and Employment Status",
       x = "Cups of Coffee per Day",
       y = "Employment Status")
```

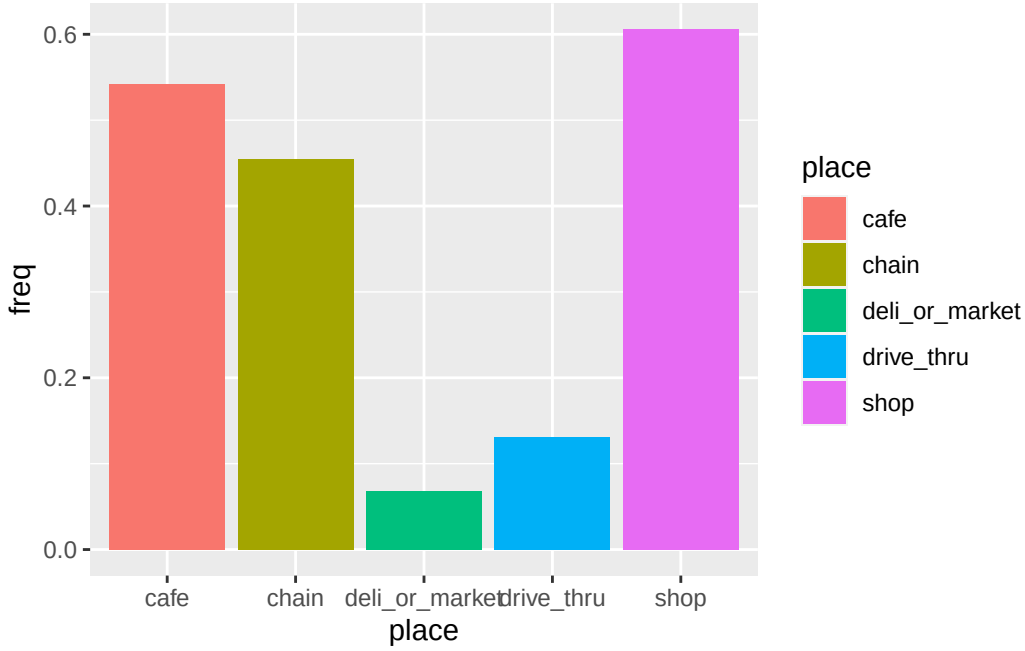



```
#where people typically drink
coffee_clean_factors |>
  select(starts_with("drink")) |>
  summarise(home = mean(drink_at_home, na.rm = TRUE), office = mean(drink_at_the_office, na.r
            go = mean(drink_on_the_go, na.rm = TRUE), cafe = mean(drink_at_a_cafe, na.rm = TR
  pivot_longer(
    cols = everything(),
    names_to = "place",
    values_to = "freq"
  ) |>
  ggplot(aes(x = place, y = freq, fill = place)) +
  geom_col()
```

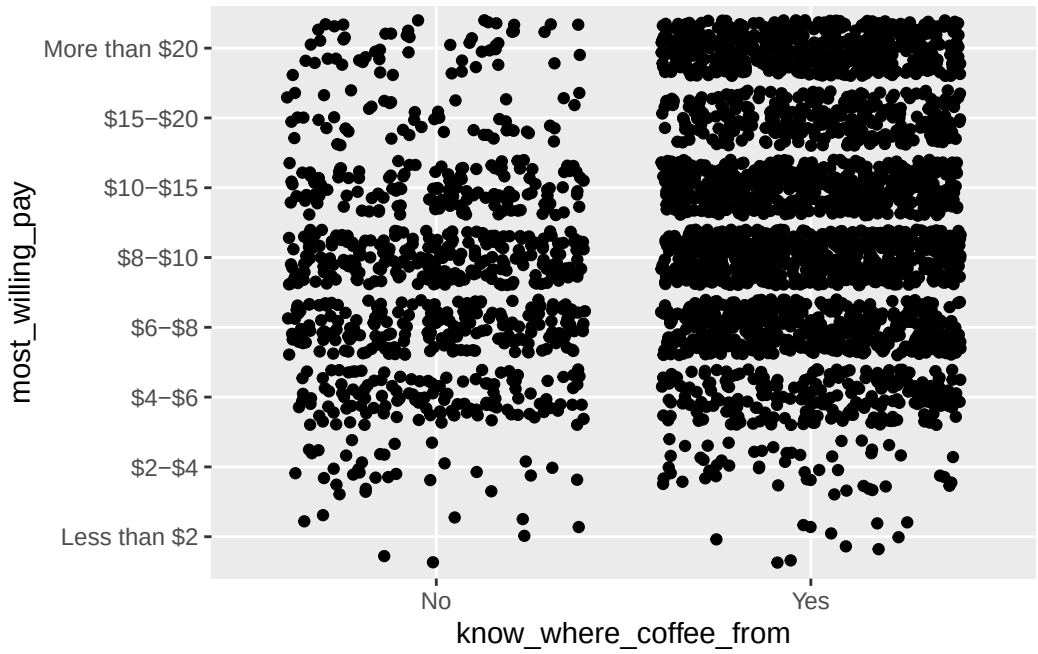



```
#where people typically purchase
purchase_online <- coffee_clean_factors |>
  select(contains("purchase")) |>
  select(where_else_purchase_coffee) |>
  na.omit() |>
  filter(grepl("online", where_else_purchase_coffee, ignore.case = TRUE))
purchase_gas_station <- coffee_clean_factors |>
  select(contains("purchase")) |>
  select(where_else_purchase_coffee) |>
  na.omit() |>
  filter(grepl("gas station", where_else_purchase_coffee, ignore.case = TRUE))

#currently not including gas station and online in other category

coffee_clean_factors |>
  select(contains("purchase")) |>
  summarise(chain = mean(purchase_national_chain, na.rm = TRUE),
            cafe = mean(purchase_local_cafe, na.rm = TRUE),
            drive_thru = mean(`purchase_drive-thru`, na.rm = TRUE),
            shop = mean(purchase_specialty_coffee_shop, na.rm = TRUE),
            deli_or_market = mean(purchase_deli_or_supermarket, na.rm = TRUE)) |>
   pivot_longer(
    cols = everything(),
    names_to = "place",
```

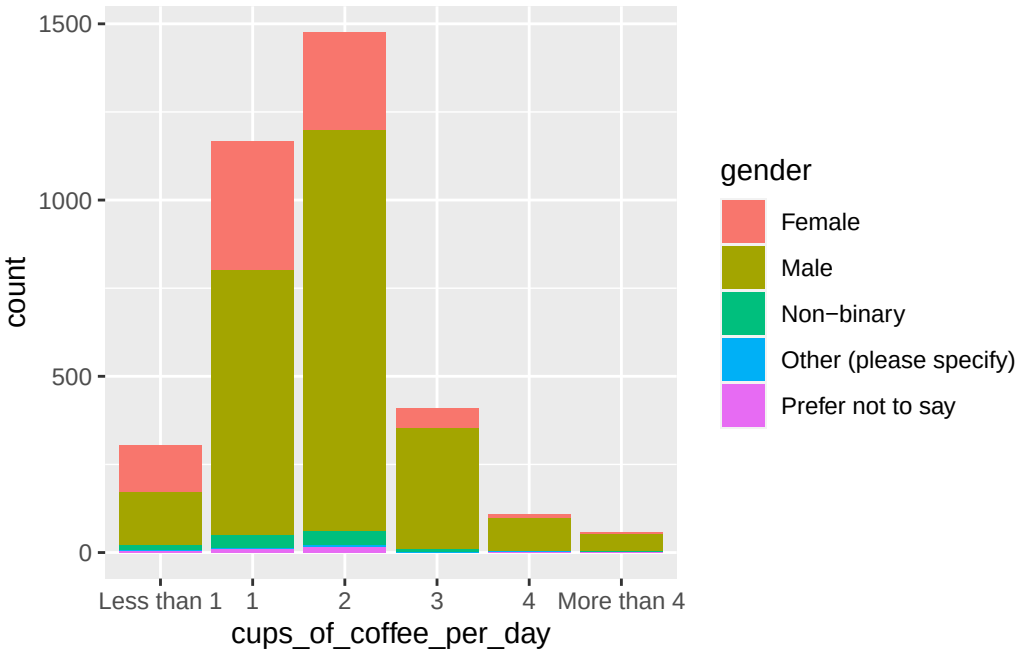
```
    values_to = "freq"
  ) |>
  ggplot(aes(x = place, y = freq, fill = place)) +
  geom_col()
```




```
#does knowing where coffee comes from affect how much one is willing to pay
coffee_clean_factors |>
  select(know_where_coffee_from, most_willing_pay) |>
  drop_na() |>
  ggplot(aes(x = know_where_coffee_from, y = most_willing_pay)) +
  geom_jitter()
```




```
#amount of coffee by gender (may need to standardize by frequencies of gender cause what if m
coffee_clean_factors |>
  select(gender, cups_of_coffee_per_day) |>
  drop_na() |>
  ggplot(aes(x = cups_of_coffee_per_day, fill = gender)) +
  geom_bar(position= "stack")
```

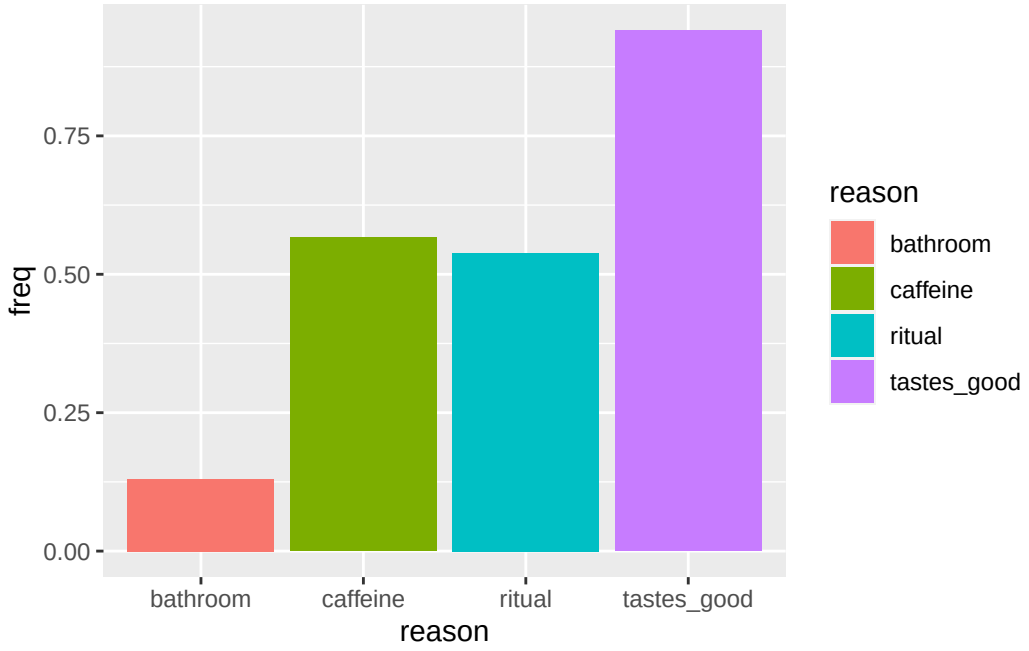



```
coffee_clean_factors |>
  select(contains("reason")) |>
  select(other_reason_for_drinking_coffee) |>
  na.omit()
```

```
# A tibble: 167 x 1
   other_reason_for_drinking_coffee
   <chr>
 1 I don't
 2 Comforting, warmth
 3 Fun and devirse
 4 Support local business
 5 My wife and I are both coffee professionals
 6 I like hanging out in coffee shops
 7 It sparks joy
 8 It smells nice
 9 Nostalgia, comfort
10 interesting to explore
# i 157 more rows
```

```
#looking at these words and their associations would be interesting. currently not looking at

coffee_clean_factors |>
```

```
  select(contains("reason")) |>
   summarise(tastes_good = mean(reason_it_tastes_good, na.rm = TRUE),
             caffeine = mean(reason_i_need_the_caffeine, na.rm = TRUE),
             ritual = mean(reason_i_need_the_ritual, na.rm = TRUE),
             bathroom = mean(reason_it_makes_me_go_to_the_bathroom, na.rm = TRUE)) |>
   pivot_longer(
    cols = everything(),
    names_to = "reason",
    values_to = "freq"
  ) |>
  ggplot(aes(x = reason, y = freq, fill = reason)) +
  geom_col()
```

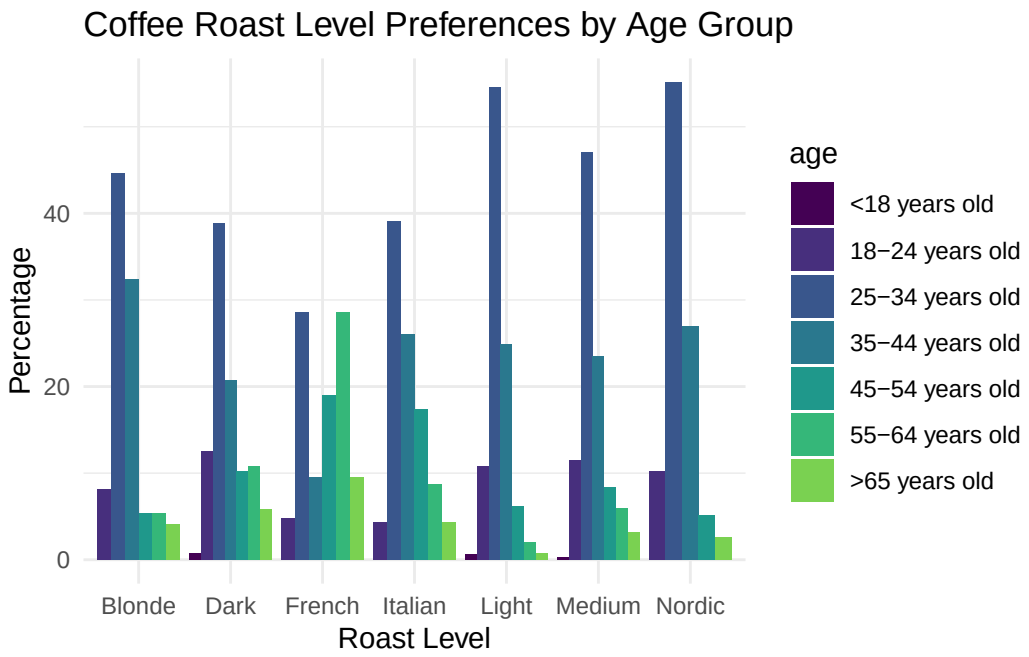



```
#preferences for coffee roast levels across different age groups.
roast_totals <- coffee_clean_factors |>
  group_by(roast_level) |>
  summarise(total = n())

age_roast_counts <- coffee_clean_factors |>
  filter(!is.na(roast_level) & !is.na(age)) |>
  group_by(age, roast_level) |>
  summarise(count = n()) |>
  left_join(roast_totals, by = "roast_level") |>
```

```
  mutate(percentage = count / total * 100)
```

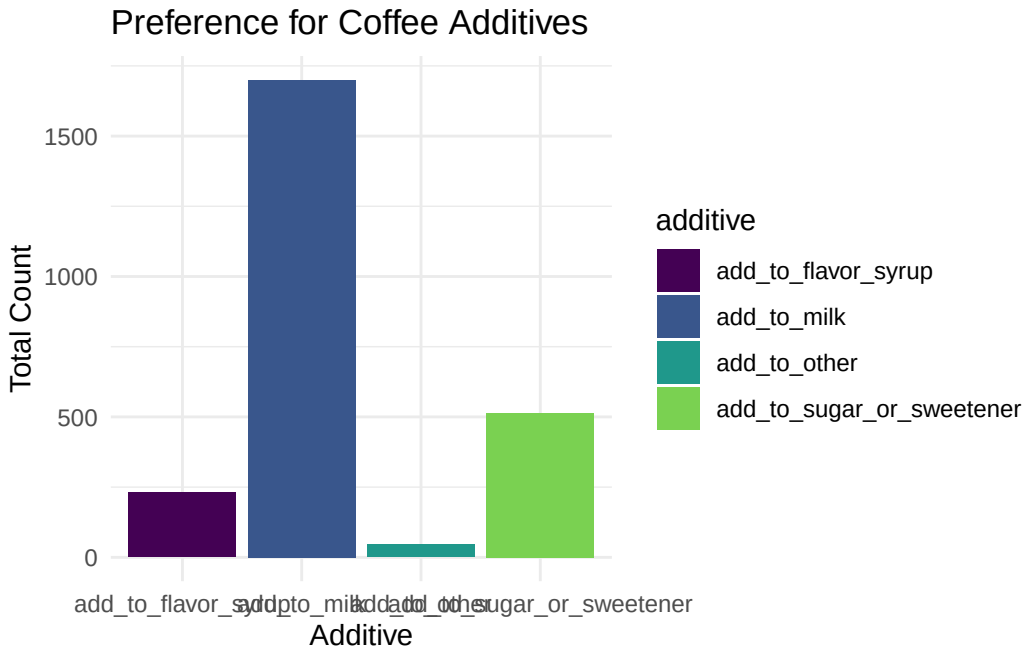
```
`summarise()` has grouped output by 'age'. You can override using the `.groups`
argument.
```

```
ggplot(age_roast_counts, aes(x = roast_level, y = percentage, fill = age)) +
  geom_bar(stat = "identity", position = "dodge") +
  labs(title = "Coffee Roast Level Preferences by Age Group",
       x = "Roast Level",
       y = "Percentage") +
  theme_minimal() +
  scale_fill_viridis_d(end = 0.8)
```



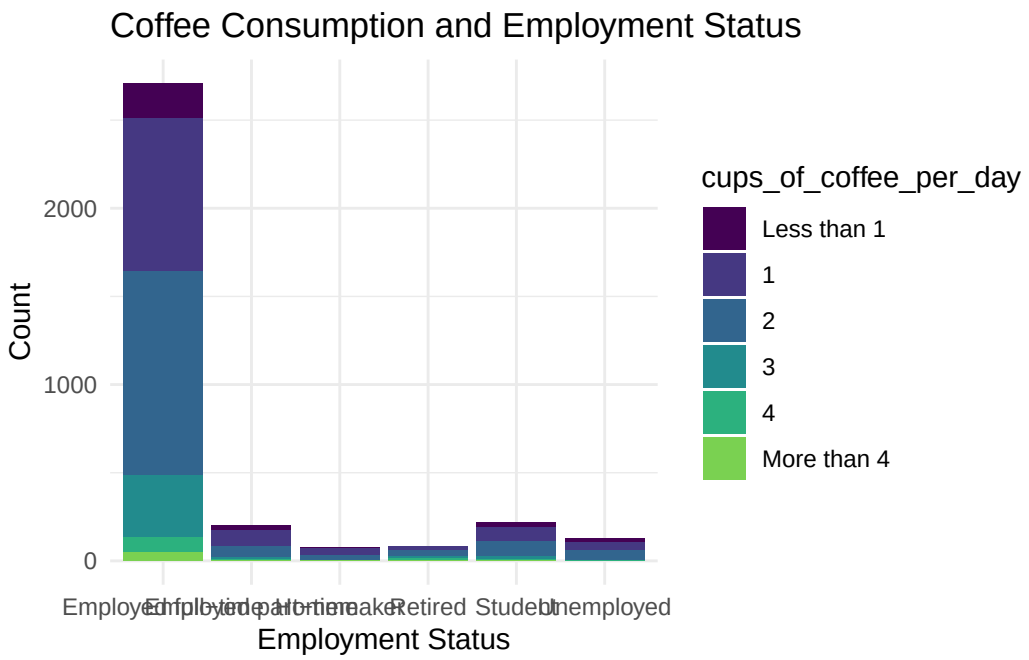

```
#how different additives (milk, sugar, or flavorings) affect people's preferences
coffee_additives <- coffee_clean_factors |>
  select(add_to_milk,
         add_to_sugar_or_sweetener,
         add_to_flavor_syrup,
         add_to_other) |>
  pivot_longer(
    cols = c(add_to_milk,
             add_to_sugar_or_sweetener,
```

```
              add_to_flavor_syrup,
              add_to_other),
    names_to = "additive",
    values_to = "count"
  ) |>
  filter(!is.na(count)) |>
  group_by(additive) |>
  summarise(total = sum(count, na.rm = TRUE), .groups = 'drop')

ggplot(coffee_additives, aes(x = additive, y = total, fill = additive)) +
  geom_bar(stat = "identity") +
  labs(title = "Preference for Coffee Additives",
       x = "Additive",
       y = "Total Count") +
  theme_minimal() +
  scale_fill_viridis_d(end = 0.8)
```

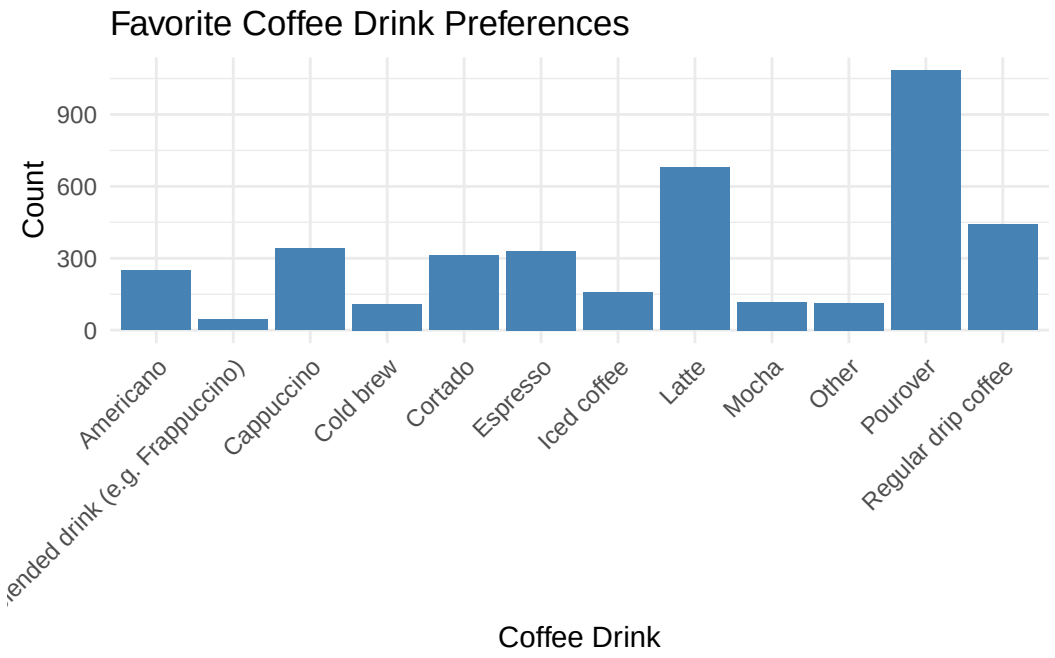



```
#Coffee Consumption and Employment Status
ggplot(coffee_clean_factors |> filter(!is.na(employment_status)),
       aes(x = employment_status, fill = cups_of_coffee_per_day)) +
  geom_bar(position = "stack") +
  labs(title = "Coffee Consumption and Employment Status",
       x = "Employment Status",
```

```
       y = "Count") +
  theme_minimal() +
  scale_fill_viridis_d(end = 0.8)
```



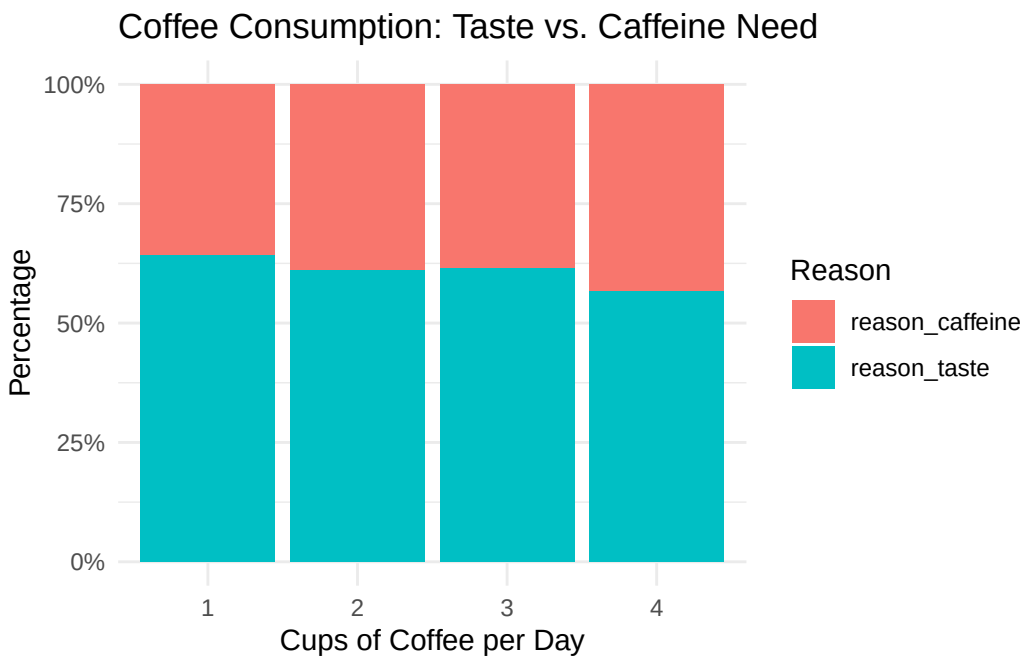

```
#distribution of favorite coffee drinks
ggplot(coffee_clean_factors |> filter(!is.na(favorite_coffee_drink)),
       aes(x = favorite_coffee_drink)) +
  geom_bar(fill = "steelblue") +
  labs(title = "Favorite Coffee Drink Preferences",
       x = "Coffee Drink",
       y = "Count") +
  theme_minimal() +
  theme(axis.text.x = element_text(angle = 45, hjust = 1)) +
  scale_fill_viridis_d(end = 0.8)
```




```
#the relationship between coffee consumption habits and the reasons
#why people drink coffee aste versus the need for caffeine
coffee_reasons <- coffee_clean_factors |>
  select(cups_of_coffee_per_day,
         reason_it_tastes_good,
         reason_i_need_the_caffeine) |>
  mutate(cups_of_coffee_per_day =
           as.numeric(as.character(cups_of_coffee_per_day)),
         reason_taste =
           ifelse(reason_it_tastes_good == 1, "Taste", NA),
         reason_caffeine =
           ifelse(reason_i_need_the_caffeine == 1, "Caffeine", NA)) |>
  drop_na(cups_of_coffee_per_day) |>
  gather(key = "reason", value = "value", reason_taste, reason_caffeine) |>
  filter(!is.na(value))
```

```
Warning: There was 1 warning in `mutate()`.
i In argument: `cups_of_coffee_per_day =
  as.numeric(as.character(cups_of_coffee_per_day))`.
Caused by warning:
! NAs introduced by coercion
```

```r
ggplot(coffee_reasons,
       aes(x = as.factor(cups_of_coffee_per_day),
           fill = reason)) +
  geom_bar(position = "fill") +
  scale_y_continuous(labels = scales::percent) +
  labs(title = "Coffee Consumption: Taste vs. Caffeine Need",
       x = "Cups of Coffee per Day",
       y = "Percentage",
       fill = "Reason") +
  theme_minimal()
```



Questions for reviewers

List specific questions for your peer reviewers and project mentor to answer in giving you feedback on this phase.

-Do we need to close the issue you opened for the first phase? -Is it feasible to try to do some textual analysis with the more open ended responses, such as identifying emotions that people associate with coffee? -Is there a way to pivot the cleaned data that makes more sense?