# Brilliant Cassowary

## Exploratory data analysis

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```
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 becon
```

```
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.

## 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.

```r
#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.

```r
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_wl
    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_
    good_value_equipment="do_you_feel_like_you're_getting_good_value_for_your_money_with_rega
  )

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", name)
  } 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_sweeten
         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_mo
        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_coffe
        good_value_money = `do_you_feel_like_you're_getting_good_value_for_your_money_when_y
    mutate(`what_kind_of_dairy_do_you_add?` = NULL)

print(colnames(coffee_clean_2))
```

```
 [1] "submission_id"
 [2] "age"
 [3] "cups_of_coffee_per_day"
 [4] "drink_at_home"
 [5] "drink_at_the_office"
 [6] "drink_on_the_go"
 [7] "drink_at_a_cafe"
 [8] "drink_none_of_these"
 [9] "at_home_pour_over"
[10] "at_home_french_press"
[11] "at_home_espresso"
[12] "at_home_coffee_brewing_machine"
[13] "at_home_pod_or_capsule_machine"
[14] "at_home_instant_coffee"
[15] "at_home_bean-to-cup_machine"
[16] "at_home_cold_brew"
[17] "at_home_coffee_extract"
[18] "at_home_other"
[19] "how_else_at_home"
[20] "purchase_national_chain"
[21] "purchase_local_cafe"
[22] "purchase_drive-thru"
[23] "purchase_specialty_coffee_shop"
[24] "purchase_deli_or_supermarket"
[25] "purchase_other"
[26] "where_else_purchase_coffee"
[27] "favorite_coffee_drink"
[28] "favorite_coffee"
[29] "add_to_none"
[30] "add_to_milk"
```

```
[31] "add_to_sugar_or_sweetener"
[32] "add_to_flavor_syrup"
[33] "add_to_other"
[34] "what_else_do_you_add_to_your_coffee?"
[35] "dairy_add_whole_milk"
[36] "dairy_add_skim_milk"
[37] "dairy_add_half_and_half"
[38] "dairy_add_coffee_creamer"
[39] "dairy_add_flavored_coffee_creamer"
[40] "dairy_add_oat_milk"
[41] "dairy_add_almond_milk"
[42] "dairy_add_soy_milk"
[43] "dairy_add_other"
[44] "sugar_sweetener_add_granulated_sugar"
[45] "sugar_sweetener_add_artificial_sweeteners"
[46] "sugar_sweetener_add_honey"
[47] "sugar_sweetener_add_maple_syrup"
[48] "sugar_sweetener_add_stevia"
[49] "sugar_sweetener_add_agave_nectar"
[50] "sugar_sweetener_add_brown_sugar"
[51] "sugar_sweetener_add_raw_sugar"
[52] "other_flavoring"
[53] "best_described_before"
[54] "like_coffee"
[55] "roast_level"
[56] "caffeine"
[57] "own_coffee_expertise"
[58] "coffee_a_-_bitterness"
[59] "coffee_a_-_acidity"
[60] "coffee_a_-_personal_preference"
[61] "coffee_a_-_notes"
[62] "coffee_b_-_bitterness"
[63] "coffee_b_-_acidity"
[64] "coffee_b_-_personal_preference"
[65] "coffee_b_-_notes"
[66] "coffee_c_-_bitterness"
[67] "coffee_c_-_acidity"
[68] "coffee_c_-_personal_preference"
[69] "coffee_c_-_notes"
[70] "coffee_d_-_bitterness"
[71] "coffee_d_-_acidity"
[72] "coffee_d_-_personal_preference"
[73] "coffee_d_-_notes"
```

```
[74] "prefer_between_abc"
[75] "prefer_between_ad"
[76] "favorite_overall_coffee"
[77] "where_work"
[78] "monthly_coffee_cost"
[79] "reason_it_tastes_good"
[80] "reason_i_need_the_caffeine"
[81] "reason_i_need_the_ritual"
[82] "reason_it_makes_me_go_to_the_bathroom"
[83] "reason_other"
[84] "other_reason_for_drinking_coffee"
[85] "like_taste"
[86] "know_where_coffee_from"
[87] "most_pay"
[88] "most_willing_pay"
[89] "good_value_money"
[90] "time_spent_on_equipment"
[91] "good_value_equipment"
[92] "gender"
[93] "education_level"
[94] "ethnicity/race"
[95] "ethnicity/race_(please_specify)"
[96] "employment_status"
[97] "number_of_children"
[98] "political_affiliation"
```

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.

```
#add category
coffee_clean_factors <- coffee_clean_2 |>
  mutate(age = factor(age)) |>
  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 = factor(monthly_coffee_cost),
         monthly_coffee_cost = fct_relevel(monthly_coffee_cost, c(
    "<$20",
```

```
    "$20-$40",
    "$40-$60",
    "$60-$80",
    "$80-$100",
    ">$100"))) |>
  mutate(across(like_taste:political_affiliation, factor)) |>
  mutate(across(like_coffee:caffeine, factor)) |>
  mutate(most_pay = fct_relevel(
    "Less than $2",
    "$2-$4",
    "$4-$6",
    "$6-$8",
    "$8-$10",
    "$10-$15",
    "$15-$20",
    "More than $20",
    "NA"
  )) |>
   mutate(most_willing_pay = fct_relevel(
    "Less than $2",
    "$2-$4",
    "$4-$6",
    "$6-$8",
    "$8-$10",
    "$10-$15",
    "$15-$20",
    "More than $20"
  )) |>
  mutate(cups_of_coffee_per_day = as_factor(cups_of_coffee_per_day),
         cups_of_coffee_per_day = fct_relevel("Less than 1",
                                              "1",
                                              "2",
                                              "3",
                                              "4",
                                              "More than 4"))
```

```
Warning: There was 1 warning in `mutate()`.
i In argument: `most_pay = fct_relevel(...)`.
Caused by warning:
! 8 unknown levels in `f`: $2-$4, $4-$6, $6-$8, $8-$10, $10-$15, $15-$20, More
than $20, and NA
```

```
Warning: There was 1 warning in `mutate()`.
i In argument: `most_willing_pay = fct_relevel(...)`.
Caused by warning:
! 7 unknown levels in `f`: $2-$4, $4-$6, $6-$8, $8-$10, $10-$15, $15-$20, and
More than $20


Warning: There was 1 warning in `mutate()`.
i In argument: `cups_of_coffee_per_day = fct_relevel("Less than 1", "1", "2",
  "3", "4", "More than 4")`.
Caused by warning:
! 5 unknown levels in `f`: 1, 2, 3, 4, and More than 4
```

```
glimpse(coffee_clean_factors)
```

```
Rows: 4,042
Columns: 98
$ submission_id                  <chr> "gMR29l", "BkPN0e", "W5G8jj"~
$ age                            <fct> 18-24 years old, 25-34 years~
$ cups_of_coffee_per_day         <fct> Less than 1, Less than 1, Le~
$ drink_at_home                  <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ drink_at_the_office            <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ drink_on_the_go                <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ drink_at_a_cafe                <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ drink_none_of_these            <lgl> NA, NA, NA, NA, NA, NA, FALS~
$ at_home_pour_over              <lgl> NA, FALSE, FALSE, FALSE, TRU~
$ at_home_french_press           <lgl> NA, FALSE, FALSE, FALSE, FAL~
$ at_home_espresso               <lgl> NA, FALSE, FALSE, FALSE, FAL~
$ at_home_coffee_brewing_machine <lgl> NA, FALSE, FALSE, TRUE, FALS~
$ at_home_pod_or_capsule_machine <lgl> NA, TRUE, FALSE, FALSE, FALS~
$ at_home_instant_coffee         <lgl> NA, FALSE, FALSE, FALSE, FAL~
$ `at_home_bean-to-cup_machine`  <lgl> NA, FALSE, TRUE, FALSE, FALS~
$ at_home_cold_brew              <lgl> NA, FALSE, FALSE, FALSE, FAL~
$ at_home_coffee_extract         <lgl> NA, FALSE, FALSE, FALSE, FAL~
$ at_home_other                  <lgl> NA, FALSE, FALSE, FALSE, FAL~
$ how_else_at_home               <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ purchase_national_chain        <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ purchase_local_cafe            <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ `purchase_drive-thru`          <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ purchase_specialty_coffee_shop <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ purchase_deli_or_supermarket   <lgl> NA, NA, NA, NA, NA, NA, FALS~
$ purchase_other                 <lgl> NA, NA, NA, NA, NA, NA, TRUE~
$ where_else_purchase_coffee     <chr> NA, NA, NA, NA, NA, NA, NA, ~
```

```
$ favorite_coffee_drink                          <chr> "Regular drip coffee", "Iced~
$ favorite_coffee                                <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ add_to_none                                     <lgl> TRUE, TRUE, TRUE, TRUE, TRUE~
$ add_to_milk                                     <lgl> FALSE, FALSE, FALSE, FALSE, ~
$ add_to_sugar_or_sweetener                       <lgl> FALSE, TRUE, FALSE, FALSE, F~
$ add_to_flavor_syrup                             <lgl> FALSE, FALSE, FALSE, FALSE, ~
$ add_to_other                                    <lgl> FALSE, FALSE, FALSE, FALSE, ~
$ `what_else_do_you_add_to_your_coffee?`          <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_whole_milk                            <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_skim_milk                             <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_half_and_half                         <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_coffee_creamer                        <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_flavored_coffee_creamer               <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_oat_milk                              <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_almond_milk                           <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_soy_milk                              <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ dairy_add_other                                 <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_granulated_sugar            <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_artificial_sweeteners <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_honey                       <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_maple_syrup                 <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_stevia                      <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_agave_nectar                <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_brown_sugar                 <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ sugar_sweetener_add_raw_sugar                   <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ other_flavoring                                 <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ best_described_before                           <chr> "Complex", "Light", "Complex~
$ like_coffee                                     <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ roast_level                                     <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ caffeine                                        <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ own_coffee_expertise                            <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_a_-_bitterness`                         <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_a_-_acidity`                            <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_a_-_personal_preference`                <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_a_-_notes`                              <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_b_-_bitterness`                         <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_b_-_acidity`                            <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_b_-_personal_preference`                <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_b_-_notes`                              <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_c_-_bitterness`                         <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_c_-_acidity`                            <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_c_-_personal_preference`                <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_c_-_notes`                              <chr> NA, NA, NA, NA, NA, NA, NA, ~
```

```
$ `coffee_d_-_bitterness`            <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_d_-_acidity`              <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_d_-_personal_preference`  <dbl> NA, NA, NA, NA, NA, NA, NA, ~
$ `coffee_d_-_notes`               <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ prefer_between_abc                <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ prefer_between_ad                 <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ favorite_overall_coffee           <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ where_work                        <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ monthly_coffee_cost               <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ reason_it_tastes_good             <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ reason_i_need_the_caffeine        <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ reason_i_need_the_ritual          <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ reason_it_makes_me_go_to_the_bathroom <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ reason_other                      <lgl> NA, NA, NA, NA, NA, NA, NA, ~
$ other_reason_for_drinking_coffee  <chr> NA, NA, NA, NA, NA, NA, NA, ~
$ like_taste                        <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ know_where_coffee_from            <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ most_pay                          <fct> Less than $2, Less than $2, ~
$ most_willing_pay                  <fct> Less than $2, Less than $2, ~
$ good_value_money                  <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ time_spent_on_equipment           <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ good_value_equipment              <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ gender                            <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ education_level                   <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ `ethnicity/race`                  <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ `ethnicity/race_(please_specify)` <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ employment_status                 <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ number_of_children                <fct> NA, NA, NA, NA, NA, NA, NA, ~
$ political_affiliation             <fct> NA, NA, NA, NA, NA, NA, NA, ~
```

```
# 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_rele
#   "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.
- 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.
- In the other columns, there is no clear order in the answers, so it is hard to sort through and find extra patterns.
- Mostly categorical variables, very few continuous values

## 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 | 16 |
| factor | 20 |
| 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 |
| best_described_before | 84 | 0.98 | 4 | 11 | 0 | 12 | 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 | 0 | 1.00 | FALSE | 1 | Les: 4042 |
| 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 | 0 | 1.00 | FALSE | 1 | Les: 4042 |
| most_willing_pay | 0 | 1.00 | FALSE | 1 | Les: 4042 |
| 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 |

| skim_variable | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|
| 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_spec 3937 | | 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 |

| skim_variable | n_missing | complete_rate | mean | count |
|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | n_missing | complete_rate | mean | count |
|---|---|---|---|---|
| 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 |
| 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 | 16 |
| factor | 19 |
| 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 |
| 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 |

| skim_variable | gender | n_missing | complete_rate | min | max | empty | n_unique | whitespace |
|---|---|---|---|---|---|---|---|---|
| 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 |
| best_described_before | Female | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | Male | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | Non-binary | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | Other (please specify) | 0 | 1.00 | 5 | 11 | 0 | 7 | 0 |
| best_described_before | Prefer not to say | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | NA | 84 | 0.84 | 4 | 11 | 0 | 12 | 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 |
| 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 |

| skim_variable | gender | n_missing | complete_rate | min | max | empty | n_unique | whitespace |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | gender | n_missing | complete_rate | min | max | empty | n_unique | whitespace |
|---|---|---|---|---|---|---|---|---|
| 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 | 1 | Les: 853 |
| cups_of_coffee_per_day | Male | 0 | 1.00 | FALSE | 1 | Les: 2524 |
| cups_of_coffee_per_day | Non-binary | 0 | 1.00 | FALSE | 1 | Les: 103 |
| cups_of_coffee_per_day | Other (please specify) | 0 | 1.00 | FALSE | 1 | Les: 10 |
| cups_of_coffee_per_day | Prefer not to say | 0 | 1.00 | FALSE | 1 | Les: 33 |
| cups_of_coffee_per_day | NA | 0 | 1.00 | FALSE | 1 | Les: 519 |
| 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, Ver: 0 |

| skim_variable | gender | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | gender | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 | 0 | 1.00 | FALSE | 1 | Les: 853 |
| most_pay | Male | 0 | 1.00 | FALSE | 1 | Les: 2524 |
| most_pay | Non-binary | 0 | 1.00 | FALSE | 1 | Les: 103 |
| most_pay | Other (please specify) | 0 | 1.00 | FALSE | 1 | Les: 10 |
| most_pay | Prefer not to say | 0 | 1.00 | FALSE | 1 | Les: 33 |
| most_pay | NA | 0 | 1.00 | FALSE | 1 | Les: 519 |
| most_willing_pay | Female | 0 | 1.00 | FALSE | 1 | Les: 853 |
| most_willing_pay | Male | 0 | 1.00 | FALSE | 1 | Les: 2524 |
| most_willing_pay | Non-binary | 0 | 1.00 | FALSE | 1 | Les: 103 |
| most_willing_pay | Other (please specify) | 0 | 1.00 | FALSE | 1 | Les: 10 |
| most_willing_pay | Prefer not to say | 0 | 1.00 | FALSE | 1 | Les: 33 |
| most_willing_pay | NA | 0 | 1.00 | FALSE | 1 | Les: 519 |
| 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 | 16 |
| factor | 20 |
| logical | 49 |
| numeric | 12 |
| | |
| Group variables | own_coffee_expertise |

## Variable type: character

| skim_variable | own_coffee_expertise | 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 | empty | n_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 |
| best_described_before | 1 | 1 | 0.99 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 2 | 2 | 0.99 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 3 | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 4 | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 5 | 1 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 6 | 2 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 7 | 2 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 8 | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 9 | 0 | 1.00 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | 10 | 1 | 0.98 | 4 | 11 | 0 | 10 | 0 |
| best_described_before | NA | 75 | 0.28 | 4 | 11 | 0 | 11 | 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | min | max | empty | n_unique | whitespace |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | missing | complete_rate | min | max | empty | n_unique | whitespace |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | min | max | empty | n_unique | whitespace |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| cups_of_coffee_per_day | 1 | 0 | 1.00 | FALSE | 1 | Les: 155 |
| cups_of_coffee_per_day | 2 | 0 | 1.00 | FALSE | 1 | Les: 166 |
| cups_of_coffee_per_day | 3 | 0 | 1.00 | FALSE | 1 | Les: 273 |
| cups_of_coffee_per_day | 4 | 0 | 1.00 | FALSE | 1 | Les: 356 |
| cups_of_coffee_per_day | 5 | 0 | 1.00 | FALSE | 1 | Les: 580 |
| cups_of_coffee_per_day | 6 | 0 | 1.00 | FALSE | 1 | Les: 851 |
| cups_of_coffee_per_day | 7 | 0 | 1.00 | FALSE | 1 | Les: 939 |
| cups_of_coffee_per_day | 8 | 0 | 1.00 | FALSE | 1 | Les: 490 |
| cups_of_coffee_per_day | 9 | 0 | 1.00 | FALSE | 1 | Les: 88 |
| cups_of_coffee_per_day | 10 | 0 | 1.00 | FALSE | 1 | Les: 40 |
| cups_of_coffee_per_day | NA | 0 | 1.00 | FALSE | 1 | Les: 104 |
| 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 |
| 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, Ver: 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 | 0 | 1.00 | FALSE | 1 | Les: 155 |
| most_pay | 2 | 0 | 1.00 | FALSE | 1 | Les: 166 |
| most_pay | 3 | 0 | 1.00 | FALSE | 1 | Les: 273 |
| most_pay | 4 | 0 | 1.00 | FALSE | 1 | Les: 356 |
| most_pay | 5 | 0 | 1.00 | FALSE | 1 | Les: 580 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| most_pay | 6 | 0 | 1.00 | FALSE | 1 | Les: 851 |
| most_pay | 7 | 0 | 1.00 | FALSE | 1 | Les: 939 |
| most_pay | 8 | 0 | 1.00 | FALSE | 1 | Les: 490 |
| most_pay | 9 | 0 | 1.00 | FALSE | 1 | Les: 88 |
| most_pay | 10 | 0 | 1.00 | FALSE | 1 | Les: 40 |
| most_pay | NA | 0 | 1.00 | FALSE | 1 | Les: 104 |
| most_willing_pay | 1 | 0 | 1.00 | FALSE | 1 | Les: 155 |
| most_willing_pay | 2 | 0 | 1.00 | FALSE | 1 | Les: 166 |
| most_willing_pay | 3 | 0 | 1.00 | FALSE | 1 | Les: 273 |
| most_willing_pay | 4 | 0 | 1.00 | FALSE | 1 | Les: 356 |
| most_willing_pay | 5 | 0 | 1.00 | FALSE | 1 | Les: 580 |
| most_willing_pay | 6 | 0 | 1.00 | FALSE | 1 | Les: 851 |
| most_willing_pay | 7 | 0 | 1.00 | FALSE | 1 | Les: 939 |
| most_willing_pay | 8 | 0 | 1.00 | FALSE | 1 | Les: 490 |
| most_willing_pay | 9 | 0 | 1.00 | FALSE | 1 | Les: 88 |
| most_willing_pay | 10 | 0 | 1.00 | FALSE | 1 | Les: 40 |
| most_willing_pay | NA | 0 | 1.00 | FALSE | 1 | Les: 104 |
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | ordered | n_unique | top_counts |
|---|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 | : |
| 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 | : |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 |
| 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 |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | count |
|---|---|---|---|---|---|
| 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 | |
| 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 | |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | sd | p0 | p25 | p50 | p75 | p100 | hist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | |
| 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 | |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | sd | p0 | p25 | p50 | p75 | p100 | hist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | |
| 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 | |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | sd | p0 | p25 | p50 | p75 | p100 | hist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | |
| 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 | |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | sd | p0 | p25 | p50 | p75 | p100 | hist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | |
| 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 | |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | sd | p0 | p25 | p50 | p75 | p100 | hist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | |
| 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 | |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | sd | p0 | p25 | p50 | p75 | p100 | hist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | |
| 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 | |

| skim_variable | own_coffee_expertise | n_missing | complete_rate | mean | sd | p0 | p25 | p50 | p75 | p100 | hist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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_2 |>
  ggplot(aes(x = age, y = add_to_sugar_or_sweetener)) +
  geom_col()
```
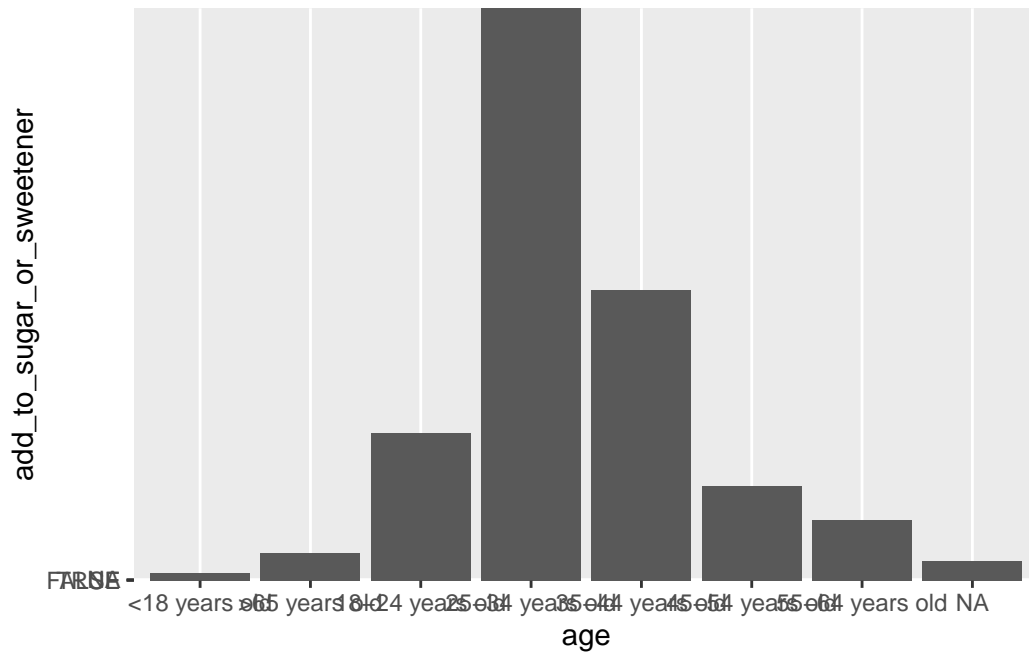
```
#coffee payment political affiliation
coffee_clean_2 |>
  ggplot(aes(x = political_affiliation, y = like_coffee)) +
  geom_count()
```
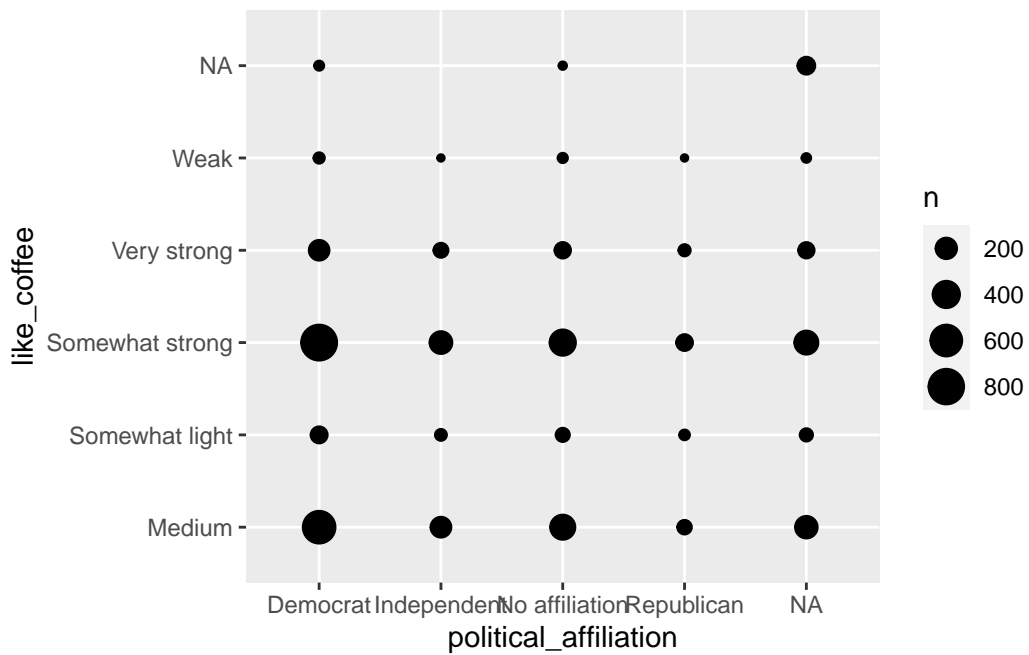
```
#coffee expected and actual pay
coffee_clean_2 |>
  ggplot(aes(x = most_pay, y = education_level)) +
  geom_count()
```
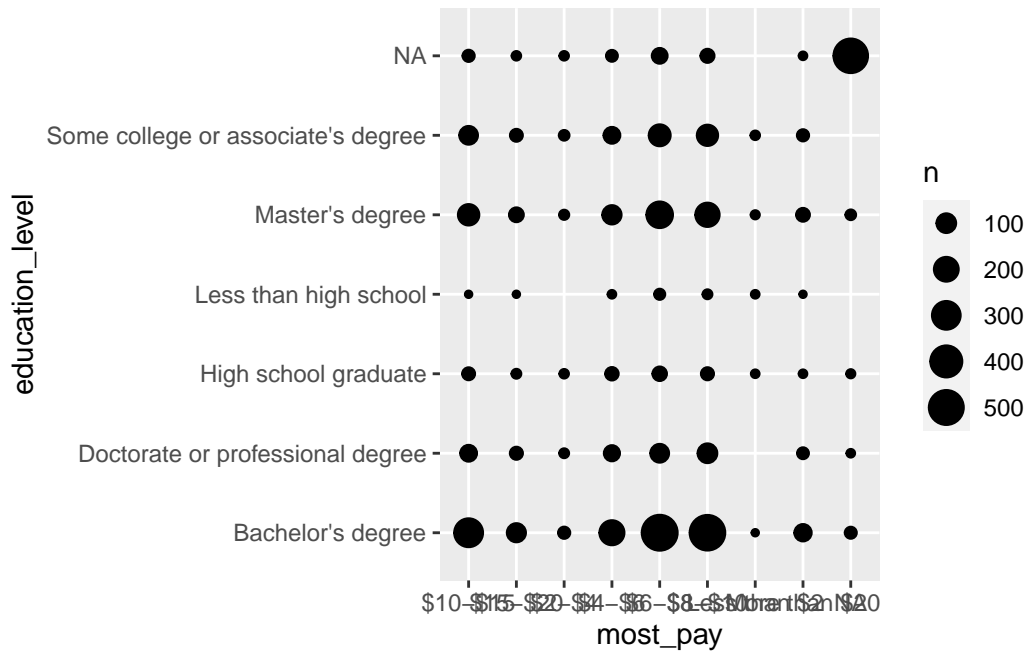


```
#coffee like or not by age
coffee_clean_2 |>
  ggplot(aes(x = like_coffee, fill = age)) +
  geom_bar()
```
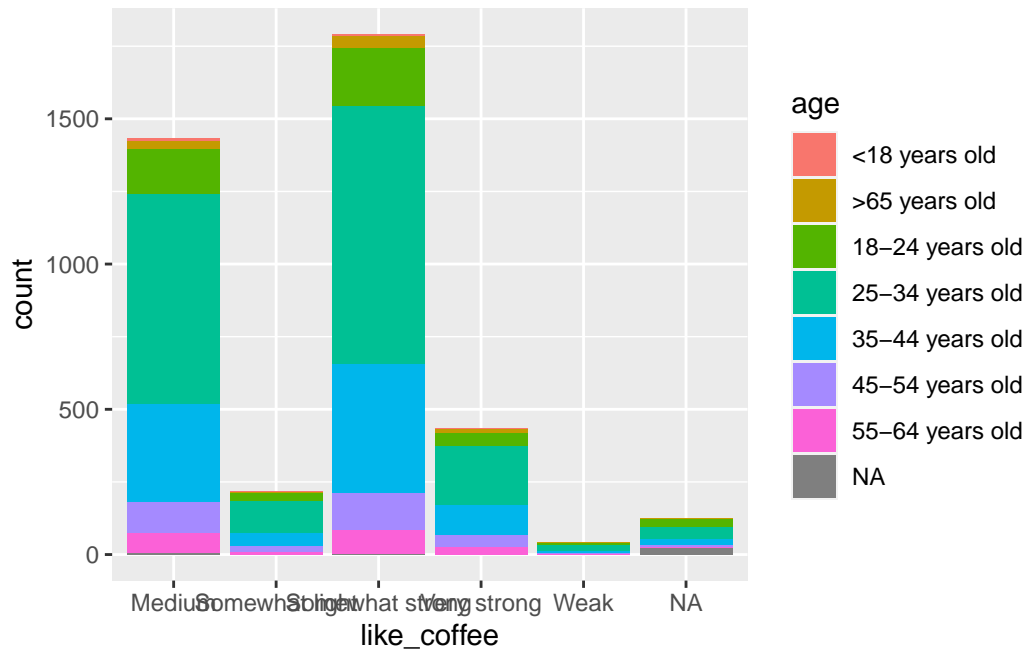
```
#amount of caffeine by education level
coffee_clean_2 |>
  ggplot(aes(x = caffeine, fill = education_level)) +
  geom_bar()
```
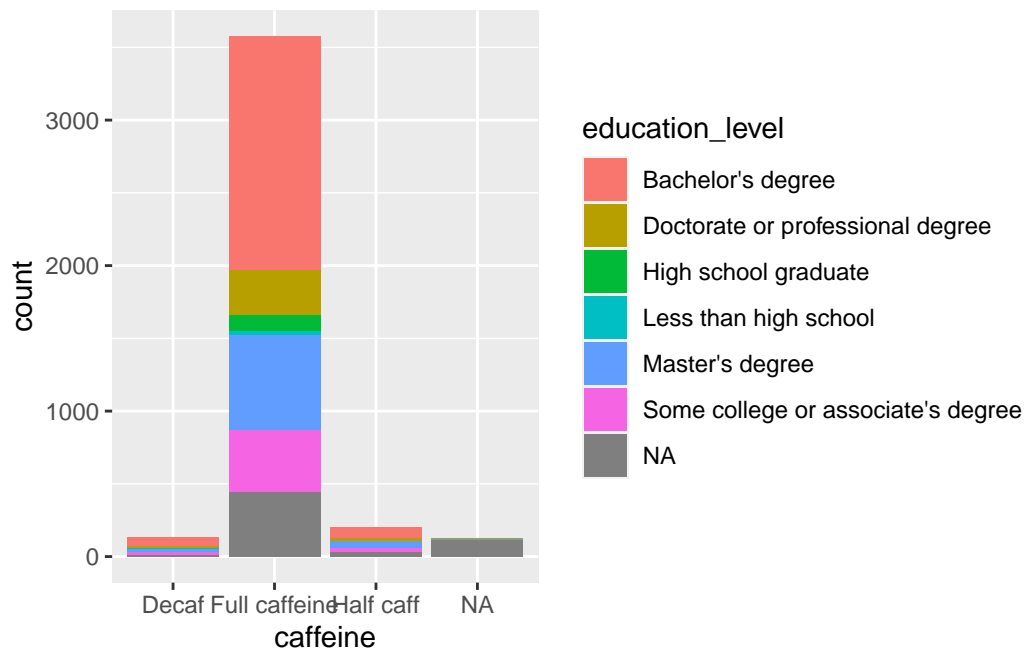
```
# Histogram of Age Distribution
ggplot(coffee_clean, aes(x = age)) +
  geom_histogram(stat = "count",binwidth = 5, fill = "skyblue", color = "black") +
  labs(title = "Age Distribution",
       x = "Age",
       y = "Frequency")+
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
```

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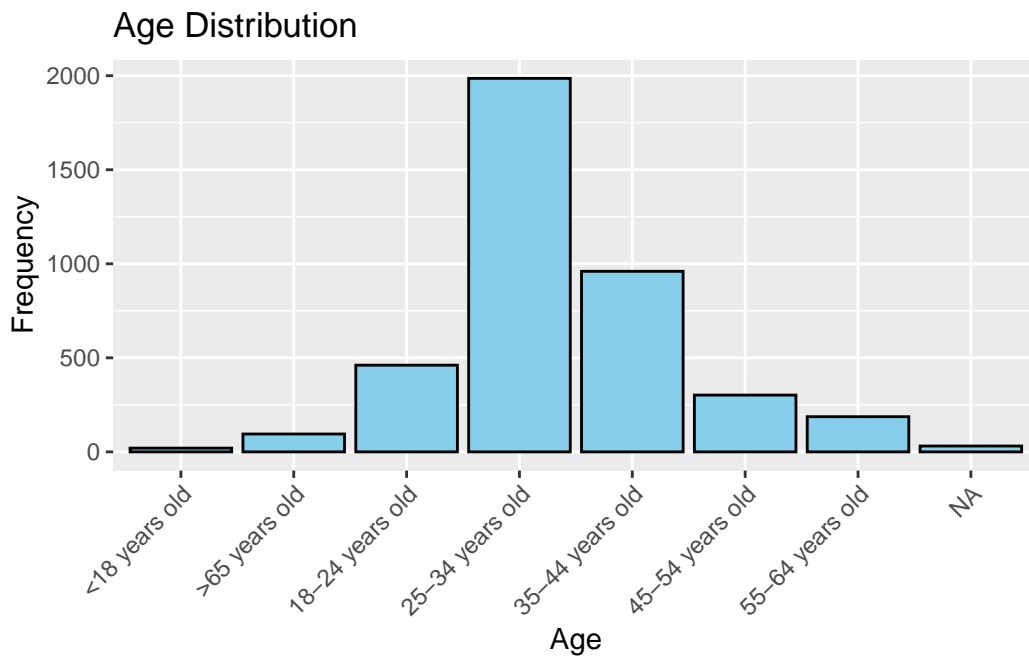


```
# Plot of Cups of Coffee Consumed per Day
ggplot(coffee_clean, aes(x = "Population", y = cups_of_coffee_per_day, color= age, alpha= 0.5
  geom_jitter() +
  labs(title = "Cups of Coffee Consumed per Day",
       x = "",
       y = "Cups per Day")+
  guides(alpha = "none")
```

## Cups of Coffee Consumed per Day
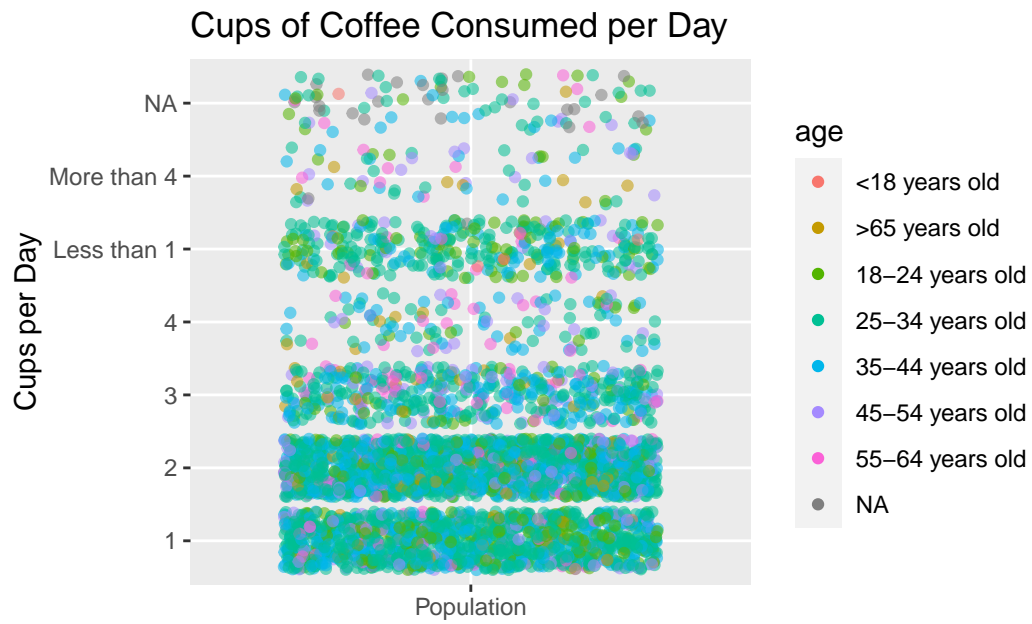


```
#Preferred roast levels
# preprocess the data
coffee_clean_roast <- coffee_clean %>%
  mutate(roast_level = ifelse(is.na(roast_level), "No Preference", roast_level))

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))
```

## Preferred Coffee Roast Levels
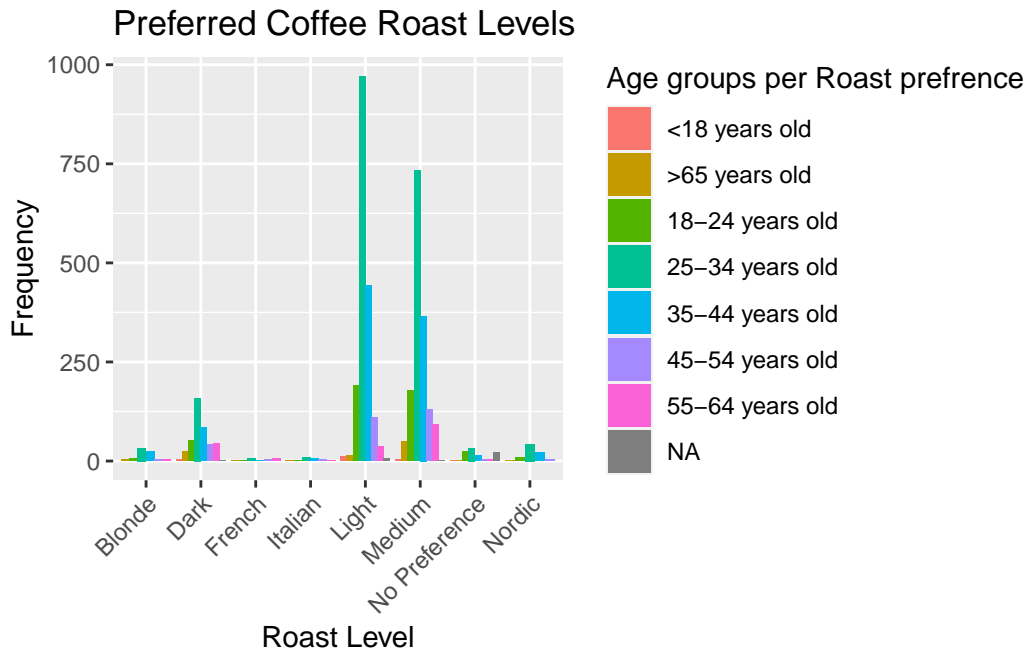


```
# Plot for top 10 brewing methods
# processing brewing methods
brewing_method_counts <- coffee_clean %>%
  filter(!is.na(employment_status)) %>%
  mutate(how_else_at_home = str_replace_all(str_trim(tolower(how_else_at_home)), "\\s+", "")
  mutate(how_else_at_home = ifelse(is.na(how_else_at_home), "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, col
```

```
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.
```



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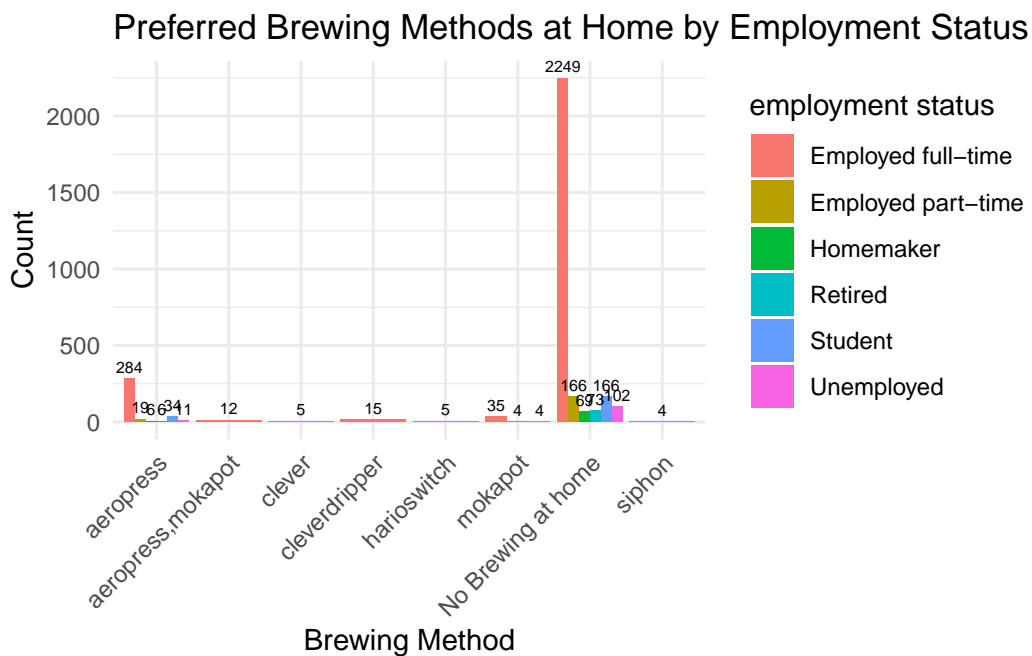
```
# Coffees per day and Employment
coffee_clean_employ= coffee_clean|>
  mutate(employment_status = ifelse(is.na(employment_status), "No disclosure", employment_sta
ggplot(coffee_clean_employ, aes(x = cups_of_coffee_per_day, y = employment_status)) +
  geom_count() +
```

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



Correlation between Coffees per Day and Employm
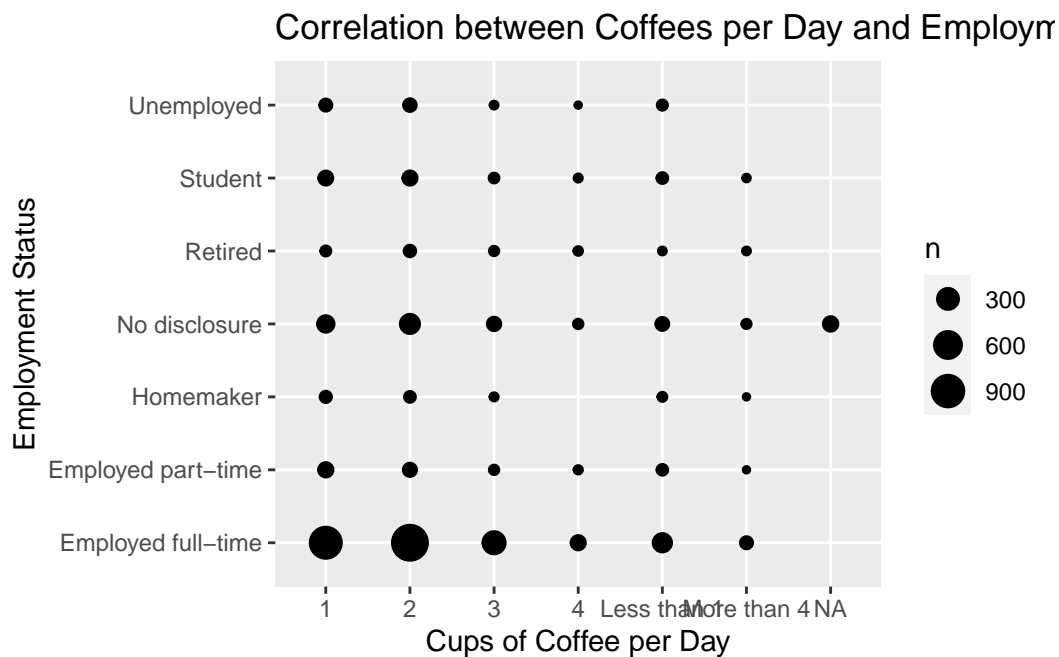
```
#where people typically drink
coffee_clean_factors |>
  select(starts_with("drink")) |>
  summarise(home = mean(drink_at_home, na.rm = TRUE), office = mean(drink_at_the_office, na.r
            go = mean(drink_on_the_go, na.rm = TRUE), cafe = mean(drink_at_a_cafe, na.rm = T
  pivot_longer(
    cols = everything(),
    names_to = "place",
    values_to = "freq"
  ) |>
  ggplot(aes(x = place, y = freq, fill = place)) +
  geom_col()
```
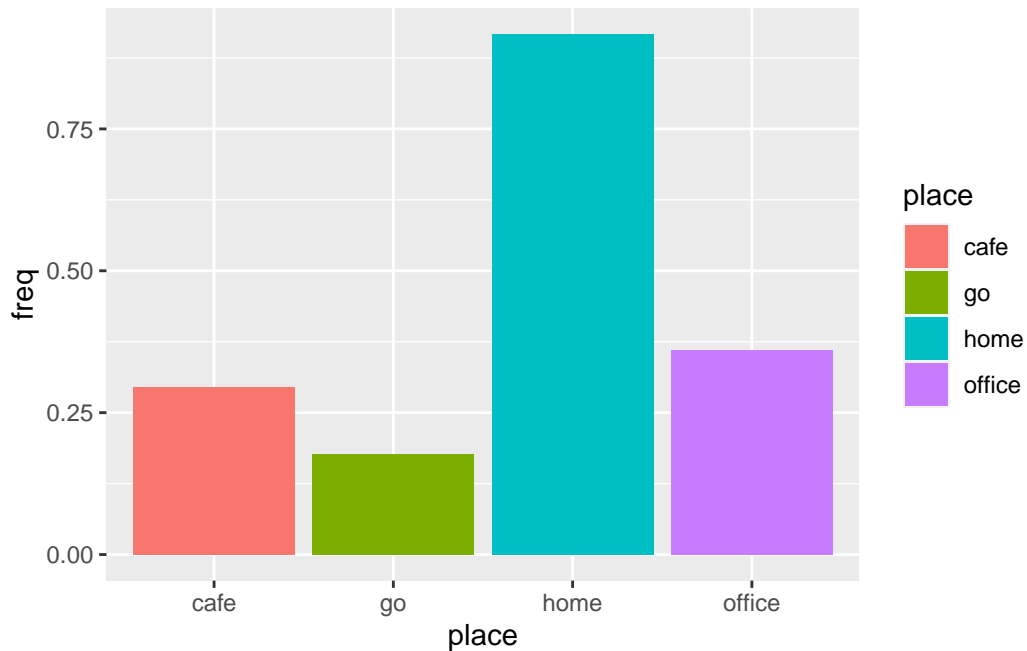
```
#where people typically purchase
purchase_online <- coffee_clean_factors |>
  select(contains("purchase")) |>
  select(where_else_purchase_coffee) |>
  na.omit() |>
  filter(grepl("online", where_else_purchase_coffee, ignore.case = TRUE))
purchase_gas_station <- coffee_clean_factors |>
  select(contains("purchase")) |>
  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()
```
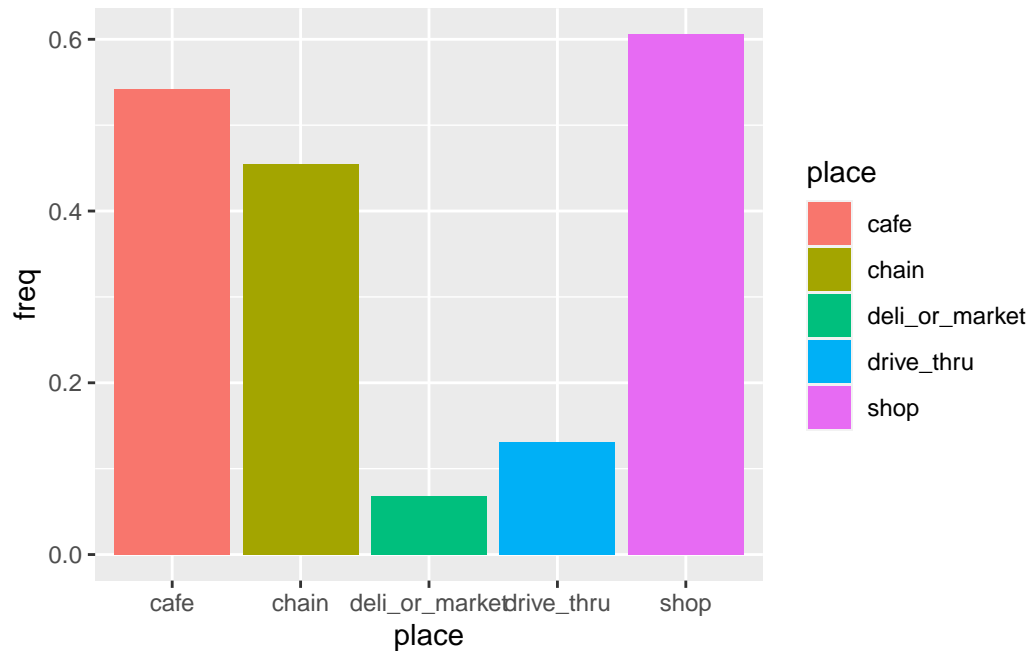


```
#does knowing where coffee comes from affect how much one is willing to pay
coffee_clean_2 |>
  select(know_where_coffee_from, most_willing_pay) |>
  drop_na() |>
  ggplot(aes(x = know_where_coffee_from, y = most_willing_pay)) +
  geom_jitter()
```
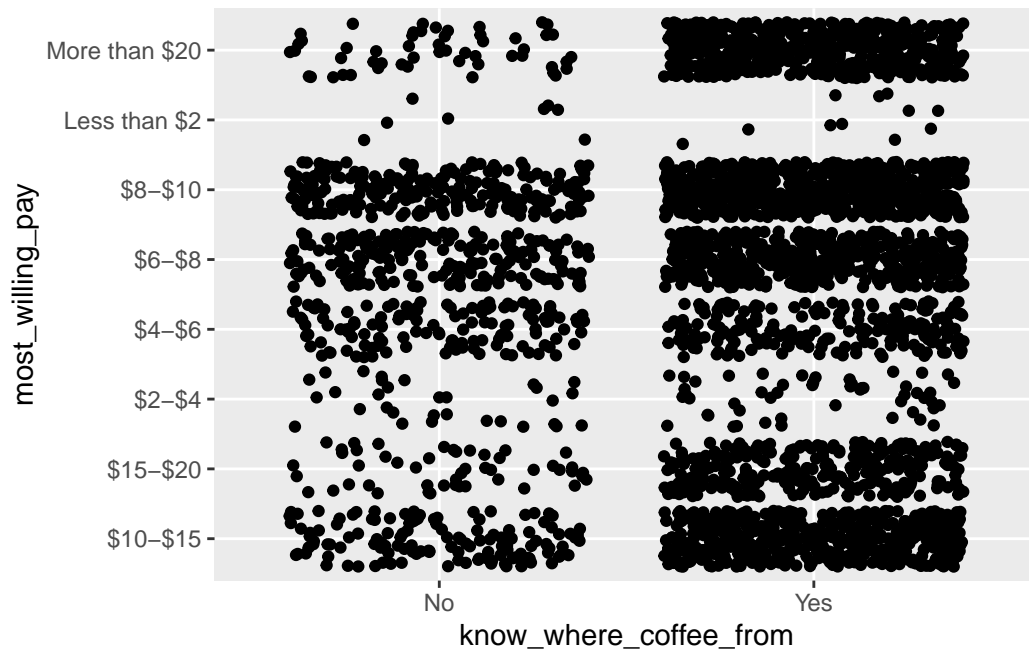
```
#amount of coffee by gender (may need to standardize by frequencies of gender cause what if
coffee_clean_factors |>
  select(gender, cups_of_coffee_per_day) |>
  drop_na() |>
  ggplot(aes(x = cups_of_coffee_per_day, fill = gender)) +
  geom_bar(position= "stack")
```
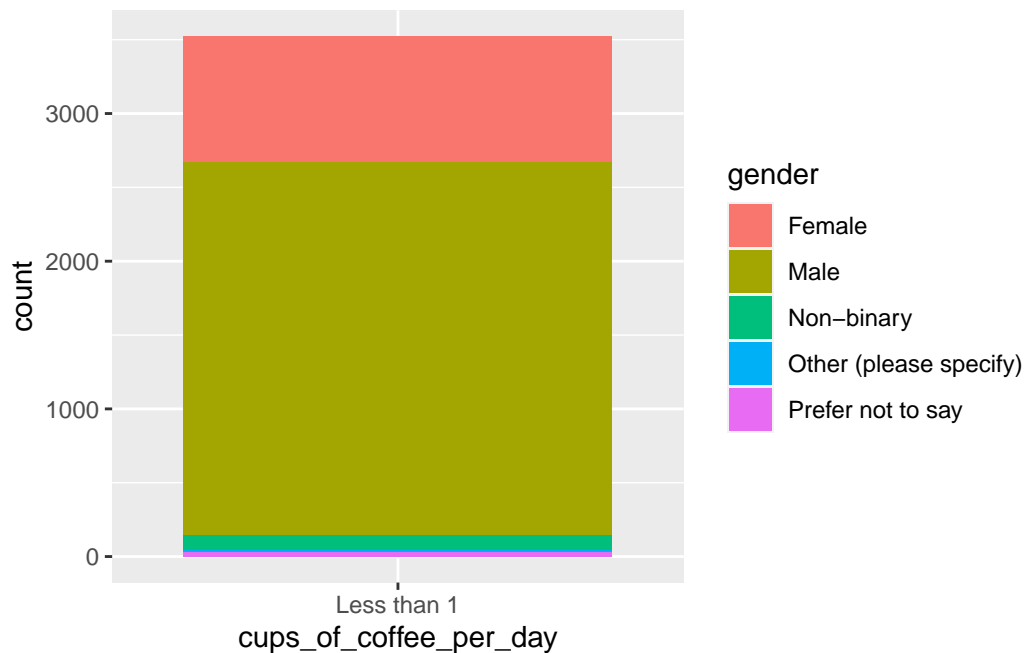
```
coffee_clean_factors |>
  select(contains("reason")) |>
  select(other_reason_for_drinking_coffee) |>
  na.omit()
```

```
# 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 a

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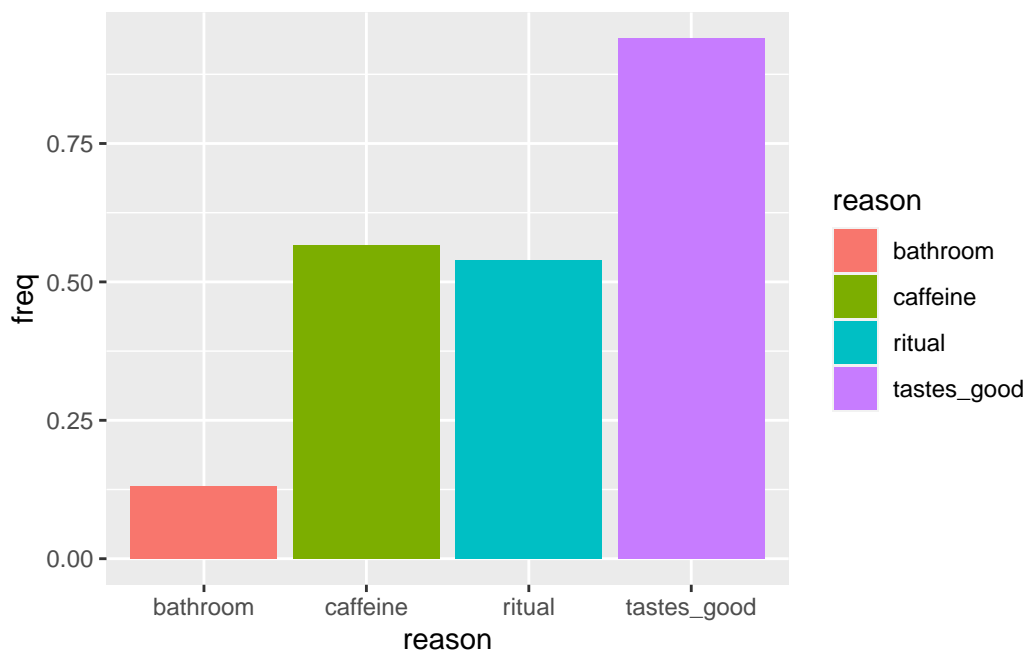
```
  select(contains("reason")) |>
   summarise(tastes_good = mean(reason_it_tastes_good, na.rm = TRUE),
             caffeine = mean(reason_i_need_the_caffeine, na.rm = TRUE),
             ritual = mean(reason_i_need_the_ritual, na.rm = TRUE),
             bathroom = mean(reason_it_makes_me_go_to_the_bathroom,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



## 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?