Codebook for brewbeer

Autogenerated data summary from dataMaid

2018-06-27 19:01:05

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 2410 |
| Number of variables | 10 |

# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing | Description |
|  | [**Beer\_ID**](#beer_id-1) | integer | 2410 | 0.00 % |  |
|  | [**Brewery**](#brewery) | factor | 551 | 0.00 % |  |
|  | [**City**](#city) | factor | 384 | 0.00 % |  |
|  | [**State**](#state) | factor | 51 | 0.00 % |  |
|  | [**Beer**](#beer) | factor | 2304 | 0.00 % |  |
|  | [**Beer\_ID**](#beer_id-1) | integer | 2410 | 0.00 % |  |
|  | [**ABV**](#abv) | numeric | 75 | 2.57 % |  |
|  | [**IBU**](#ibu) | integer | 108 | 41.70 % |  |
|  | [**Style**](#style) | factor | 100 | 0.00 % |  |
|  | [**Ounces**](#ounces) | numeric | 7 | 0.00 % |  |

# Variable list

## Beer\_ID

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 558 |
| Median | 206 |
| 1st and 3rd quartiles | 94; 367 |
| Min. and max. | 1; 558 |

## Brewery

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 551 |
| Mode | “Brewery Vivant” |

## City

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 384 |
| Mode | “Grand Rapids” |

## State

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 51 |
| Mode | “CO” |

## Beer

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2304 |
| Mode | “Nonstop Hef Hop” |

## Beer\_ID

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2410 |
| Median | 1453.5 |
| 1st and 3rd quartiles | 808.25; 2075.75 |
| Min. and max. | 1; 2692 |

## ABV

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 62 (2.57 %) |
| Number of unique values | 74 |
| Median | 0.06 |
| 1st and 3rd quartiles | 0.05; 0.07 |
| Min. and max. | 0; 0.13 |

## IBU

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 1005 (41.7 %) |
| Number of unique values | 107 |
| Median | 35 |
| 1st and 3rd quartiles | 21; 64 |
| Min. and max. | 4; 138 |

## Style

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 100 |
| Mode | “American IPA” |

## Ounces

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 7 |
| Median | 12 |
| 1st and 3rd quartiles | 12; 16 |
| Min. and max. | 8.4; 32 |

Report generation information:

* Created by Could not determine from system (username: Anand).
* Report creation time: Wed Jun 27 2018 19:01:06
* Report Was run from directory: C:/Users/Anand/Documents/SMU/DDS/GITHUB/MSDS-Assignments/Case-Study/MSDS6306\_CaseStudy1
* dataMaid v1.1.2 [Pkg: 2018-05-03 from CRAN (R 3.5.0)]
* R version 3.5.0 (2018-04-23).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 16299)).
* Function call: makeDataReport(data = brewbeer, mode = "summarize", file = "codebook\_brewbeer.Rmd", checks = list(list("showAllFactorLevels")), listChecks = FALSE, maxProbVals = FALSE, codebook = TRUE, reportTitle = "Codebook for brewbeer")