Codebook for SF Bay Area Bike Share Dataset

# Data Overview

## Credentials

This data set can be downloaded from Kaggle data sets.

The direct link to data is: https://www.kaggle.com/benhamner/sf-bay-area-bike-share/

## Business goal

This data was collected to answer the question:

1. How does weather impact bike trips?
2. How do bike trip patterns vary by time of day and the day of the week?

## Data description

This data set is a data frame of 10 variables over 669959 rows. Each row represents an employee that works in the company.

There are missing values in the data (for example zip code) .

# Variables description

|  |  |  |  |
| --- | --- | --- | --- |
| Variable Name | Description | Type | Possible values |
| id | The index of the bike rent | Integer | positive |
| duration | Duration of the rent in minutes | Integer | positive |
| start\_date | Date and time of the beginning of the rent | Daytime | LongDate+Time |
| start\_station\_name | The station that the client starts the rent from | string | Any string. It’s taken from the station list (another list) |
| start\_station\_id | The station code of the start station above | Integer | positive |
| end\_date | Date and time of the rent end | Daytime | LongDate+Time |
| end\_station\_name | The station that the client ended the rent | string | Any string. It’s actually taken from the station list (another list) |
| end\_station\_id | The station code of the end station above | Integer | positive |
| bike\_id | Identification of the bike | Integer | positive |
| subscription\_type | The type of the client | string |  |
| zip\_code | Zip code of the trip | Integer | positive |