MTA Turnstile EDA

renata gerecke

4/28/2022

# Data

Definitions from MTA:

| Variable | Significance |
| --- | --- |
| C/A | Control Area (A002) |
| UNIT | Remote Unit for a station (R051) |
| SCP | Subunit Channel Position represents an specific address for a device (02-00-00) |
| STATION | Represents the station name the device is located at |
| LINENAME | Represents all train lines that can be boarded at this station |
| Normally lines are represented by one character. LINENAME 456NQR repersents train server for 4, 5, 6, N, Q, and R trains. |  |
| DIVISION | Represents the Line originally the station belonged to BMT, IRT, or IND |
| DATE | Represents the date (MM-DD-YY) |
| TIME | Represents the time (hh:mm:ss) for a scheduled audit event |
| DESc | Represent the “REGULAR” scheduled audit event (Normally occurs every 4 hours) |

1. Audits may occur more that 4 hours due to planning, or troubleshooting activities.   
 2. Additionally, there may be a "RECOVR AUD" entry: This refers to a missed audit that was recovered. |

|ENTRIES | The cumulative entry register value for a device| |EXIST | The cumulative exit register value for a device|

df <- map\_dfr(  
 dir\_ls(path("..", "data"), regexp = "22(....)\\.csv"),   
 read\_csv, show\_col\_types = FALSE, .id = "url"  
)