Test FAO

Anna R. Eckenrode

2/18/2020

Set your drive and your source’s folder name

drive <- "S:"  
source\_name <- "030 ITU - World Telecommunication Indicators Database"  
source\_number <- "030" # leading zeros are required

# Check 1: What’s the min and max year of data?

## [1] "Max year: 2019 & Min year: 1995"

# Check 2: Are there duplicates?

## [1] "There are no duplicates! CHECK 2 PASSES"

# Check 3: Are there bad or missing values?

Missing or bad values in 030 ITU - World Telecommunication Indicators Database. Please correct.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| series\_id | country\_id | year\_range\_start | year | periodicity\_id | quarter | month | source\_id | survey\_id | value\_start | value\_end | problem |
| 1549 | 12 | NA | 2018 | 1 | NA | NA | 30 | NA | NA | NA | value\_start has missing values |
| 1549 | NA | NA | 2016 | 1 | NA | NA | 30 | NA | 98.9 | NA | country\_id has missing values |
| 1549 | 50 | NA | 2019 | 1 | NA | NA | 30 | NA | 0.6 | 0.5 | value\_end is before value\_start |
| 1549 | 70 | 2019 | 2019 | 1 | NA | NA | 30 | NA | 64.9 | NA | year\_range\_start and year are the same |
| 1549 | 208 | NA | 2018 | 2 | 7 | NA | 30 | NA | 30.8 | NA | quarterly data does not have correct quarter |
| 1549 | 218 | NA | 2017 | 1 | NA | NA | 35 | NA | 25.9 | NA | source\_id is incorrect |
| 1549 | 398 | NA | 2015 | 7 | NA | NA | 30 | NA | 5.6 | NA | periodicity\_id is not valid - must be 1, 2, or 3 |