SOC 4650/5650: Lecture 07 Functions

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Packages

- `tidyverse`
  - `lubridate`
  - `stringr`

Change Case

To Uppercase

`stringr::``str_to_upper``(`*`string`*`)`

To Lowercase

`stringr::``str_to_lower``(`*`string`*`)`

To Title Case

`stringr::``str_to_title``(`*`string`*`)`

Find Patterns

`stringr::``str_detect``(`*`string`*`, `*`pattern`*`)`

Replace Character(s)

`stringr::``str_replace``(`*`string`*`, `*`pattern`*`, `*`replacement`*`)`

Isolate Words

`stringr::``word``(`*`string`*`, start = `*`pos`*`, end = `*`pos`*`)`

Convert Strings to Dates

```
lubridate::mdy(string)
lubridate::dmy(string)
lubridate::ymd(string)
lubridate::ydm(string)
```

Extract Elements from Date

Get Year

```
lubridate::year(date)
```

Get Month

```
lubridate::month(date)
```

Get Day

```
lubridate::day(date)
```