

## Week-9: Webpage + diary entry

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**Question 1:** What is the topic that you have finalized?

**Solution:** current topic: Homicide rate in US from 1984-2014 It can help us understand of and prevent future crime, for the welfare of the society.

**Question 2.** What are the data sources that you have curated so far?

**Solution:** I get this data set from Kaggle

```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr      1.1.3      v readr      2.1.4
## v forcats    1.0.0      v stringr   1.5.0
## v ggplot2    3.4.3      v tibble    3.2.1
## v lubridate  1.9.2      v tidyr     1.3.0
## v purrr      1.0.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
homicide <- read.csv("database.csv")
head(homicide)
```

```
##   Record.ID Agency.Code Agency.Name      Agency.Type      City State Year
## 1         1      AK00101  Anchorage Municipal Police Anchorage Alaska 1980
## 2         2      AK00101  Anchorage Municipal Police Anchorage Alaska 1980
## 3         3      AK00101  Anchorage Municipal Police Anchorage Alaska 1980
## 4         4      AK00101  Anchorage Municipal Police Anchorage Alaska 1980
## 5         5      AK00101  Anchorage Municipal Police Anchorage Alaska 1980
## 6         6      AK00101  Anchorage Municipal Police Anchorage Alaska 1980
##   Month Incident      Crime.Type Crime.Solved Victim.Sex Victim.Age
## 1 January         1 Murder or Manslaughter      Yes      Male        14
## 2  March         1 Murder or Manslaughter      Yes      Male        43
## 3  March         2 Murder or Manslaughter      No      Female       30
## 4  April         1 Murder or Manslaughter      Yes      Male        43
## 5  April         2 Murder or Manslaughter      No      Female       30
## 6   May         1 Murder or Manslaughter      Yes      Male        30
##   Victim.Race Victim.Ethnicity Perpetrator.Sex
## 1 Native American/Alaska Native      Unknown      Male
## 2                White      Unknown      Male
```

## 3	Native American/Alaska Native	Unknown	Unknown
## 4	White	Unknown	Male
## 5	Native American/Alaska Native	Unknown	Unknown
## 6	White	Unknown	Male
##	Perpetrator.Age	Perpetrator.Race	Perpetrator.Ethnicity
## 1	15 Native American/Alaska Native	Unknown	
## 2	42 White	Unknown	
## 3	0 Unknown	Unknown	
## 4	42 White	Unknown	
## 5	0 Unknown	Unknown	
## 6	36 White	Unknown	
##	Relationship	Weapon	Victim.Count Perpetrator.Count Record.Source
## 1	Acquaintance Blunt Object	0	0 FBI
## 2	Acquaintance Strangulation	0	0 FBI
## 3	Unknown Unknown	0	0 FBI
## 4	Acquaintance Strangulation	0	0 FBI
## 5	Unknown Unknown	0	1 FBI
## 6	Acquaintance Rifle	0	0 FBI