

Final Project Presentation

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Challenges faced

- ❖ The right data
- ❖ Right questions
- ❖ Visualization every graph is not for all the data

Data Collected

Data is collected from healthdata.gov

Filter										Q
	Date.Of.Death.Year	Date.Of.Death.Month	Sex	Race.Ethnicity	AgeGroup	AllCause	NaturalCause	Septicemia_A40.A41.	Malignant.neoplasms.C00.C97	
1	2019		1	Female	Hispanic	0-4 years	182	162	NA	
2	2019		1	Female	Hispanic	5-14 years	44	28	NA	
3	2019		1	Female	Hispanic	15-24 years	122	45	0	
4	2019		1	Female	Hispanic	25-34 years	198	100	NA	
5	2019		1	Female	Hispanic	35-44 years	334	260	NA	
6	2019		1	Female	Hispanic	45-54 years	585	500	NA	
7	2019		1	Female	Hispanic	55-64 years	990	942	20	
8	2019		1	Female	Hispanic	65-74 years	1355	1311	22	
9	2019		1	Female	Hispanic	75-84 years	1951	1908	33	
10	2019		1	Female	Hispanic	85 years and over	2720	2663	28	
11	2019		1	Female	Non-Hispanic American Indian or Alaska Native	0-4 years	17	15	0	
12	2019		1	Female	Non-Hispanic American Indian or Alaska Native	5-14 years	NA	NA	0	
13	2019		1	Female	Non-Hispanic American Indian or Alaska Native	15-24 years	12	NA	0	
14	2019		1	Female	Non-Hispanic American Indian or Alaska Native	25-34 years	43	21	0	
15	2019		1	Female	Non-Hispanic American Indian or Alaska Native	35-44 years	55	38	0	
16	2019		1	Female	Non-Hispanic American Indian or Alaska Native	45-54 years	68	53	NA	
17	2019		1	Female	Non-Hispanic American Indian or Alaska Native	55-64 years	129	119	NA	
18	2019		1	Female	Non-Hispanic American Indian or Alaska Native	65-74 years	149	143	NA	
19	2019		1	Female	Non-Hispanic American Indian or Alaska Native	75-84 years	148	140	NA	
20	2019		1	Female	Non-Hispanic American Indian or Alaska Native	85 years and over	150	143	NA	
21	2019		1	Female	Non-Hispanic Asian	0-4 years	NA	NA	0	
22	2019		1	Female	Non-Hispanic Asian	5-14 years	NA	NA	0	
23	2019		1	Female	Non-Hispanic Asian	15-24 years	NA	NA	0	
24	2019		1	Female	Non-Hispanic Asian	25-34 years	13	12	0	
25	2019		1	Female	Non-Hispanic Asian	35-44 years	12	NA	0	
26	2019		1	Female	Non-Hispanic Asian	45-54 years	18	17	0	
27	2019		1	Female	Non-Hispanic Asian	55-64 years	47	43	0	
28	2019		1	Female	Non-Hispanic Asian	65-74 years	67	65	NA	

Showing 1 to 27 of 3,000 entries, 40 total columns

About Data

The data is collected from healthdata.gov that provides provisional counts of deaths by the month the deaths occurred, by age group, sex, and race/ethnicity, for select underlying causes of death for 2020-2021.

```
> str(healthdata)
'data.frame': 3000 obs. of 40 variables:
 $ Date.Of.Death.Year
 $ Date.Of.Death.Month
 $ Sex
 $ Race.Ethnicity
 $ AgeGroup
 $ AllCause
 $ NaturalCause
 $ Septicemia..A40.A41.
 $ Malignant.neoplasms..C00.C97.
 $ Diabetes.mellitus..E10.E14.
 $ Alzheimer.disease..G30.
 $ Influenza.and.pneumonia..J09.J18.
 $ Chronic.lower.respiratory.diseases..J40.J47.
 $ Other.diseases.of.respiratory.system..J00.J06.J30.J39.J67.J70.J98.
 $ Nephritis..nephrotic.syndrome.and.nephrosis..N00.N07.N17.N19.N25.N27.
 $ Symptoms..signs.and.abnormal.clinical.and.laboratory.findings..not.elsewhere.classified..R00.R99.
 $ Diseases.of.heart..I00.I09.I11.I13.I20.I51.
 $ Cerebrovascular.diseases..I60.I69.
 $ COVID.19..U071..Multiple.Cause.of.Death.
 $ COVID.19..U071..Underlying.Cause.of.Death.
 $ AnalysisDate
 $ Note
 $ flag_allcause
 $ flag_natcause
 $ flag_sept
ressed in accordance with NCHS confidentiality standards." "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." " " "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
 $ flag_neopl
ressed in accordance with NCHS confidentiality standards." "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." " " "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." " " "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
 $ flag_diab
ressed in accordance with NCHS confidentiality standards." "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." " " "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
 $ flag_alz
 $ flag_infln
ressed in accordance with NCHS confidentiality standards." "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
: int 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 ...
: int 1 1 1 1 1 1 1 1 1 1 ...
: chr "Female" "Female" "Female" "Female" ...
: chr "Hispanic" "Hispanic" "Hispanic" "Hispanic" ...
: chr "0-4 years" "5-14 years" "15-24 years" "25-34 years" ...
: int 182 44 122 198 334 585 990 1355 1951 2720 ...
: int 162 28 45 100 260 500 942 1311 1908 2663 ...
: int NA NA 0 NA NA NA 20 22 33 28 ...
: int NA NA NA 29 96 209 368 382 363 275 ...
: int 0 NA NA NA NA 40 62 87 95 83 ...
: int 0 0 0 0 NA NA 32 126 374 ...
: int NA NA 0 NA 11 15 32 40 55 93 ...
: int 0 NA NA NA NA 24 43 77 114 ...
: int NA 0 NA NA NA NA 26 38 58 38 ...
: int 0 0 NA 0 NA 10 21 54 53 44 ...
: int 22 0 NA NA NA NA NA NA 19 ...
: int NA 0 NA NA 25 63 146 249 417 745 ...
: int 0 0 NA NA 10 28 35 76 146 240 ...
: int 0 0 0 0 0 0 0 0 0 ...
: int 0 0 0 0 0 0 0 0 0 ...
: chr "2/9/2021" "2/9/2021" "2/9/2021" "2/9/2021" ...
: chr "" "" "" "" ...
: chr "" "" "" "" ...
: chr "" "" "" "" ...
: chr "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
: chr "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
: chr "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
: chr "" "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
: chr "" "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
: chr "" "" "" "" ...
: chr "One or more data cells have counts between 1-9 and have been suppressed in accordance with NCHS confidentiality standards." ...
```

Install Packages

- Dplyr: The package contains a set of functions that perform common data manipulation operations
- Ggplot2: ggplot2 is a data visualization package for the statistical programming language R.
- Naniar: It provides data structures and functions that facilitate the plotting of missing values and examination of imputations.

```
> install.packages(c("dplyr", "ggplot2", "naniar"))  
trying URL 'https://cran.rstudio.com/bin/macosx/contrib/4.0/dplyr_1.0.5.tgz'
```

Creating a new data frame

```
> df <- healthdata[,c(1:15,17,18,19,20,38,39)]
```

```
> str(df)
```

```
'data.frame': 3000 obs. of 21 variables:
 $ Date.Of.Death.Year      : int  2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 ...
 $ Date.Of.Death.Month    : int  1 1 1 1 1 1 1 1 1 1 ...
 $ Sex                    : chr   "Female" "Female" "Female" "Female" ...
 $ Race.Ethnicity         : chr   "Hispanic" "Hispanic" "Hispanic" "Hispanic" ...
 $ AgeGroup               : chr   "0-4 years" "5-14 years" "15-24 years" "25-34 years" ...
 $ AllCause               : int  182 44 122 198 334 585 990 1355 1951 2720 ...
 $ NaturalCause           : int  162 28 45 100 260 500 942 1311 1908 2663 ...
 $ Septicemia..A40..A41.  : int  NA NA 0 NA NA NA 20 22 33 28 ...
 $ Malignant.neoplasms..C00..C97. : int  NA NA NA 29 96 209 368 382 363 275 ...
 $ Diabetes.mellitus..E10..E14. : int  0 NA NA NA NA 40 62 87 95 83 ...
 $ Alzheimer.disease..G30. : int  0 0 0 0 0 NA NA 32 126 374 ...
 $ Influenza.and.pneumonia..J09..J18. : int  NA NA 0 NA NA 11 15 32 40 55 93 ...
 $ Chronic.lower.respiratory.diseases..J40..J47. : int  0 NA NA NA NA NA 24 43 77 114 ...
 $ Other.diseases.of.respiratory.system..J00..J06..J30..J39..J67..J70..J98. : int  NA 0 NA NA NA NA NA 26 38 58 38 ...
 $ Nephritis..nephrotic.syndrome.and.nephrosis..N00..N07..N17..N19..N25..N27. : int  0 0 NA 0 NA NA 10 21 54 53 44 ...
 $ Diseases.of.heart..I00..I09..I11..I13..I20..I51. : int  NA 0 NA NA 25 63 146 249 417 745 ...
 $ Cerebrovascular.diseases..I60..I69. : int  0 0 NA NA 10 28 35 76 146 240 ...
 $ COVID.19..U071..Multiple.Cause.of.Death. : int  0 0 0 0 0 0 0 0 0 0 ...
 $ COVID.19..U071..Underlying.Cause.of.Death. : int  0 0 0 0 0 0 0 0 0 0 ...
 $ Start.Date             : chr   "01/01/2019" "01/01/2019" "01/01/2019" "01/01/2019" ...
 $ End.Date               : chr   "01/31/2019" "01/31/2019" "01/31/2019" "01/31/2019" ...
```

Head () & Tail()

```
> head(df)
  Date.Of.Death Year Date.Of.Death.Month Sex Race.Ethnicity AgeGroup AllCause NaturalCause Septicemia..A40..A41.. Malignant.neoplasms..C00..C97..
1      2019      1      1 Female Hispanic 0-4 years      182      162      NA      NA
2      2019      1      1 Female Hispanic 5-14 years      44       28      NA      NA
3      2019      1      1 Female Hispanic 15-24 years     122      45       0      NA
4      2019      1      1 Female Hispanic 25-34 years     198     100      NA      29
5      2019      1      1 Female Hispanic 35-44 years     334     260      NA      96
6      2019      1      1 Female Hispanic 45-54 years     585     500      NA     209

Diabetes.mellitus..E10..E14.. Alzheimer.disease..G30.. Influenza.and.pneumonia..J09..J18.. Chronic.lower.respiratory.diseases..J40..J47..
1      0      0      0      NA      0
2      NA      0      0      NA      NA
3      NA      0      0      NA      NA
4      NA      0      0      NA      NA
5      NA      0      11     11      NA
6      40     63      NA      15     NA

Other.diseases.of.respiratory.system..J00..J06..J30..J39..J67..J70..J98.. Nephritis..nephrotic.syndrome.and.nephrosis..N00..N07..N17..N19..N25..N27..
1      NA      0
2      0      0
3      NA      NA
4      NA      0
5      NA      NA
6      NA     10

Diseases.of.heart..I00..I09..I11..I13..I20..I51.. Cerebrovascular.diseases..I60..I69.. COVID.19..U071..Multiple.Cause.of.Death..
1      NA      0      0
2      0      0      0
3      NA      NA      0
4      NA      NA      0
5      25     10      0
6      63     28      0

COVID.19..U071..Underlying.Cause.of.Death.. Start.Date End.Date
1      0 01/01/2019 01/31/2019
2      0 01/01/2019 01/31/2019
```

```
> tail(df)
  Date.Of.Death Year Date.Of.Death.Month Sex Race.Ethnicity AgeGroup AllCause NaturalCause Septicemia..A40..A41.. Malignant.neoplasms..C00..C97..
2995      2021      1      1 Male Other 35-44 years      70      57      0      NA
2996      2021      1      1 Male Other 45-54 years     112     107      0      NA
2997      2021      1      1 Male Other 55-64 years     238     235      NA     43
2998      2021      1      1 Male Other 65-74 years     221     262      NA     44
2999      2021      1      1 Male Other 75-84 years     221     220      NA     31
3000      2021      1      1 Male Other 85 years and over    120     120      NA     NA

Diabetes.mellitus..E10..E14.. Alzheimer.disease..G30.. Influenza.and.pneumonia..J09..J18.. Chronic.lower.respiratory.diseases..J40..J47..
2995      NA      0      0      0      NA
2996      NA      0      0      NA      NA
2997      10      0      0      NA      NA
2998      NA      NA      NA      NA      NA
2999      NA      NA      NA      NA      NA
3000      NA      NA      NA      NA      NA

Other.diseases.of.respiratory.system..J00..J06..J30..J39..J67..J70..J98.. Nephritis..nephrotic.syndrome.and.nephrosis..N00..N07..N17..N19..N25..N27..
2995      0      0
2996      NA      NA
2997      0      0
2998      0      NA
2999      NA      13
3000      NA      NA

Diseases.of.heart..I00..I09..I11..I13..I20..I51.. Cerebrovascular.diseases..I60..I69.. COVID.19..U071..Multiple.Cause.of.Death..
2995      NA      12
2996      15      0      20
2997      40      NA      54
2998      48      NA      85
2999      39      NA      70
3000      28      0      47

COVID.19..U071..Underlying.Cause.of.Death.. Start.Date End.Date
2995      11 01/01/2021 01/31/2021
2996      19 01/01/2021 01/31/2021
2997      51 01/01/2021 01/31/2021
2998      83 01/01/2021 01/31/2021
2999      66 01/01/2021 01/31/2021
3000      45 01/01/2021 01/31/2021
```

Clean column names

From

```
> colnames(df)
[1] "DateOfDeathYear"
[3] "Sex"
[5] "AgeGroup"
[7] "NaturalCause"
[9] "MalignantneoplasmsC00C97"
[11] "AlzheimerdiseaseG30"
[13] "ChroniclowerrespiratorydiseasesJ40J47"
[15] "NephritisnephroticsyndromeandnephrosisN00N07N17N19N25N27"
[17] "CerebrovasculardiseasesI60I69"
[19] "COVID19U071UnderlyingCauseofDeath"
[21] "EndDate"

"DateOfDeathMonth"
"RaceEthnicity"
"AllCause"
"SepticemiaA40A41"
"DiabetesmellitusE10E14"
"InfluenzaandpneumoniaJ09J18"
"OtherdiseasesofrespiratorysystemJ00J06J30J39J67J70J98"
"DiseasesofheartI00I09I11I13I20I51"
"COVID19U071MultipleCauseofDeath"
"StartDate"
```

To

```
> colnames(df) <- gsub("\\.", "", colnames(df))
> #Changing the names of the columns
> names(df)[names(df) == "AllCause"] <- "AllCauses"
> names(df)[names(df) == "SepticemiaA40A41"] <- "Septicemia"
> names(df)[names(df) == "MalignantneoplasmsC00C97"] <- "MalignantNeoplasms"
> names(df)[names(df) == "DiabetesmellitusE10E14"] <- "DiabetesMellitus"
> names(df)[names(df) == "AlzheimerdiseaseG30"] <- "AlzheimerDisease"
> names(df)[names(df) == "InfluenzaandpneumoniaJ09J18"] <- "Influenza&Pneumonia"
> names(df)[names(df) == "ChroniclowerrespiratorydiseasesJ40J47"] <- "ChronicLowerRespiratoryDiseases"
> names(df)[names(df) == "OtherdiseasesofrespiratorysystemJ00J06J30J39J67J70J98"] <- "OtherDiseasesofRespiratorySystem"
> names(df)[names(df) == "NephritisnephroticsyndromeandnephrosisN00N07N17N19N25N27"] <- "NephritisNephroticSyndromeAndNephrosis"
> names(df)[names(df) == "DiseasesofheartI00I09I11I13I20I51"] <- "HeartDiseases"
> names(df)[names(df) == "CerebrovasculardiseasesI60I69"] <- "CerebrovascularDiseases"
> names(df)[names(df) == "COVID19U071UnderlyingCauseofDeath"] <- "COVID19UnderlyingCauseofDeath"
> names(df)[names(df) == "COVID19U071MultipleCauseofDeath"] <- "COVID19MultipleCausesofDeath"
> colnames(df)
[1] "DateOfDeathYear"
[4] "RaceEthnicity"
[7] "NaturalCause"
[10] "DiabetesMellitus"
[13] "ChronicLowerRespiratoryDiseases"
[16] "HeartDiseases"
[19] "COVID19UnderlyingCauseofDeath"

"DateOfDeathMonth"
"AgeGroup"
"Septicemia"
"AlzheimerDisease"
"OtherDiseasesofRespiratorySystem"
"CerebrovascularDiseases"
"StartDate"

"Sex"
"AllCauses"
"MalignantNeoplasms"
"Influenza&Pneumonia"
"NephritisNephroticSyndromeAndNephrosis"
"COVID19MultipleCausesofDeath"
"EndDate"
```

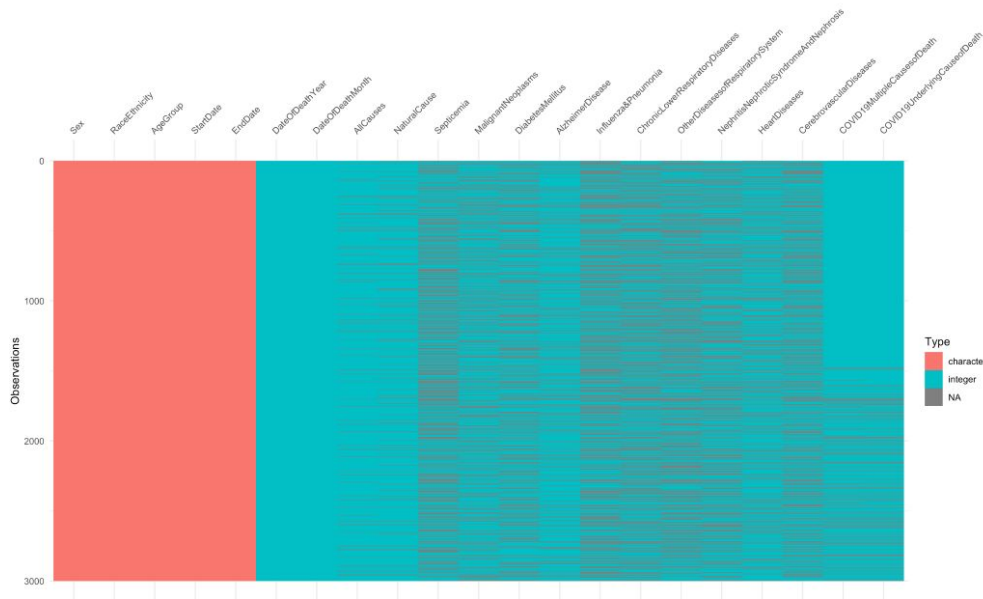

View df

	DateOfDeathYear	DateOfDeathMonth	Sex	RaceEthnicity	AgeGroup	AllCauses	NaturalCause	Septicemia	MalignantNeoplasms	DiabetesMellitus
1	2019		1	Female Hispanic	0-4 years	182	162	NA	NA	
2	2019		1	Female Hispanic	5-14 years	44	28	NA	NA	NA
3	2019		1	Female Hispanic	15-24 years	122	45	0	NA	NA
4	2019		1	Female Hispanic	25-34 years	198	100	NA	29	NA
5	2019		1	Female Hispanic	35-44 years	334	260	NA	96	NA
6	2019		1	Female Hispanic	45-54 years	585	500	NA	209	40
7	2019		1	Female Hispanic	55-64 years	990	942	20	368	60
8	2019		1	Female Hispanic	65-74 years	1355	1311	22	382	80
9	2019		1	Female Hispanic	75-84 years	1951	1908	33	363	90
10	2019		1	Female Hispanic	85 years and over	2720	2663	28	275	80
11	2019		1	Female Non-Hispanic American Indian or Alaska Native	0-4 years	17	15	0	0	
12	2019		1	Female Non-Hispanic American Indian or Alaska Native	5-14 years	NA	NA	0	0	
13	2019		1	Female Non-Hispanic American Indian or Alaska Native	15-24 years	12	NA	0	0	
14	2019		1	Female Non-Hispanic American Indian or Alaska Native	25-34 years	43	21	0	0	NA
15	2019		1	Female Non-Hispanic American Indian or Alaska Native	35-44 years	55	38	0	NA	NA
16	2019		1	Female Non-Hispanic American Indian or Alaska Native	45-54 years	68	53	NA	NA	NA
17	2019		1	Female Non-Hispanic American Indian or Alaska Native	55-64 years	129	119	NA	29	10
18	2019		1	Female Non-Hispanic American Indian or Alaska Native	65-74 years	149	143	NA	37	10
19	2019		1	Female Non-Hispanic American Indian or Alaska Native	75-84 years	148	140	NA	28	NA
20	2019		1	Female Non-Hispanic American Indian or Alaska Native	85 years and over	150	143	NA	NA	NA
21	2019		1	Female Non-Hispanic Asian	0-4 years	NA	NA	0	0	
22	2019		1	Female Non-Hispanic Asian	5-14 years	NA	NA	0	NA	
23	2019		1	Female Non-Hispanic Asian	15-24 years	NA	NA	0	0	
24	2019		1	Female Non-Hispanic Asian	25-34 years	13	12	0	NA	
25	2019		1	Female Non-Hispanic Asian	35-44 years	12	NA	0	NA	
26	2019		1	Female Non-Hispanic Asian	45-54 years	18	17	0	NA	
27	2019		1	Female Non-Hispanic Asian	55-64 years	47	43	0	16	NA
28	2019		1	Female Non-Hispanic Asian	65-74 years	67	65	NA	22	NA
29	2019		1	Female Non-Hispanic Asian	75-84 years	87	84	NA	14	NA
30	2019		1	Female Non-Hispanic Asian	85 years and over	98	96	NA	12	NA
31	2019		1	Female Non-Hispanic Black	0-4 years	261	232	NA	NA	

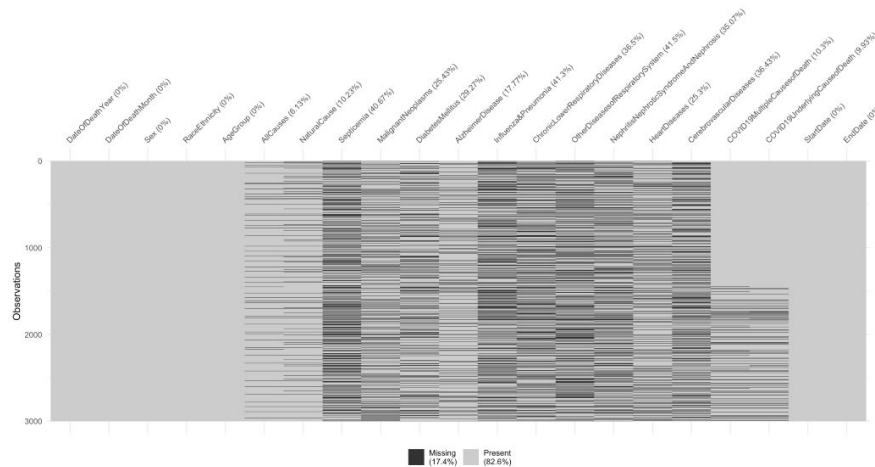
Showing 1 to 30 of 3,000 entries. 21 total columns

Handle NA values

```
> vis_dat(df)
```

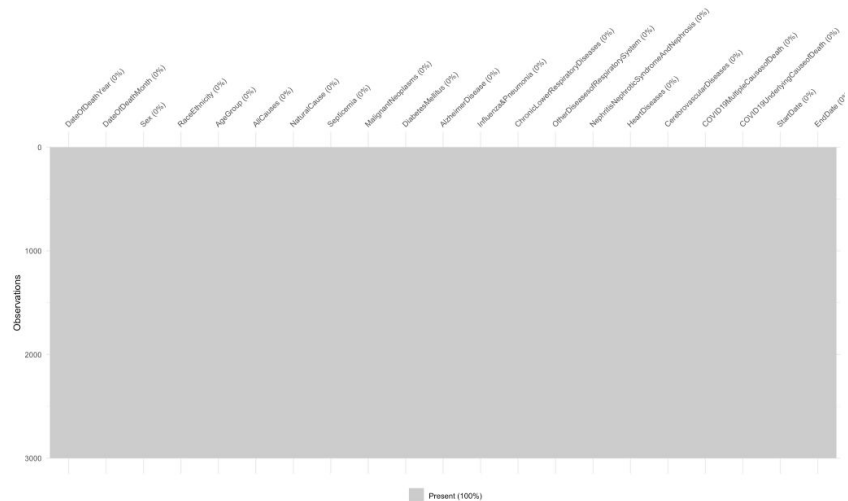
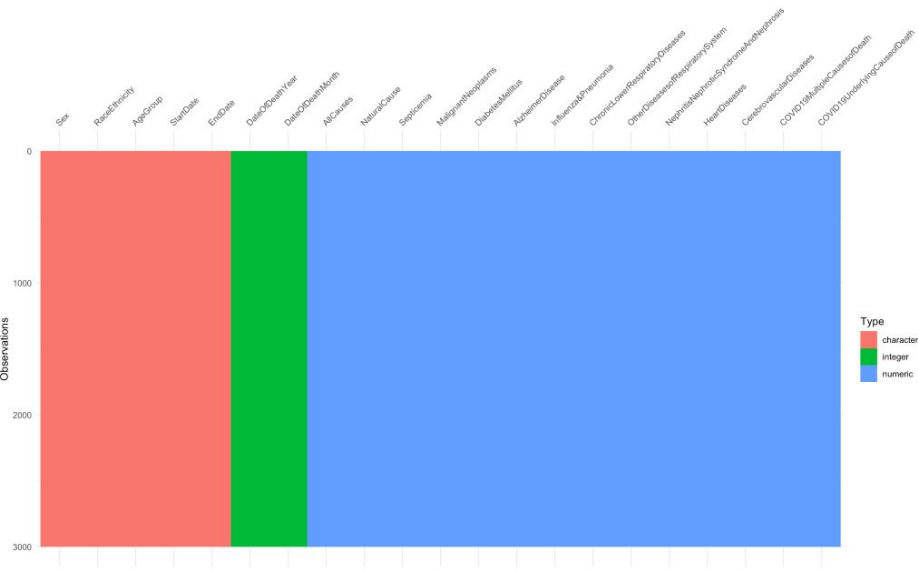


```
> vis_miss(df)
```



Replace the NA with 0

```
> sum(is.na(df))  
10975  
> df[is.na(df)] = 0  
> sum(is.na(df))  
0
```



Equally distributed values

```
> count(df, df$Sex)
```

	df\$Sex	n
1	Female	1500
2	Male	1500

```
> count(df, df$AgeGroup)
```

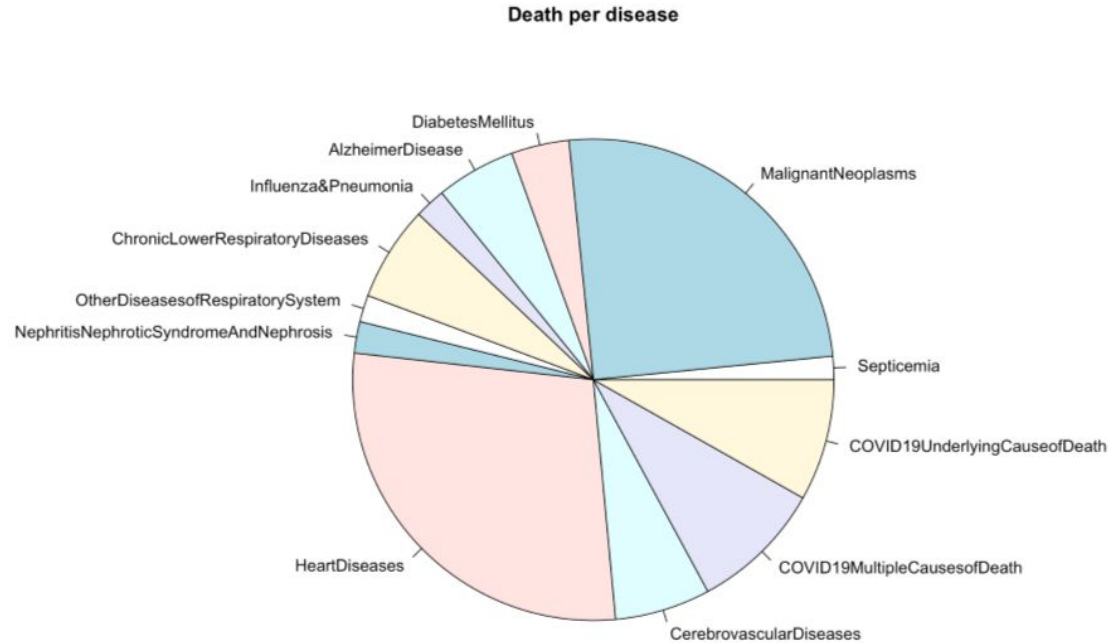
	df\$AgeGroup	n
1	0-4 years	300
2	15-24 years	300
3	25-34 years	300
4	35-44 years	300
5	45-54 years	300
6	5-14 years	300
7	55-64 years	300
8	65-74 years	300
9	75-84 years	300
10	85 years and over	300

```
> count(df, df$RaceEthnicity)
```

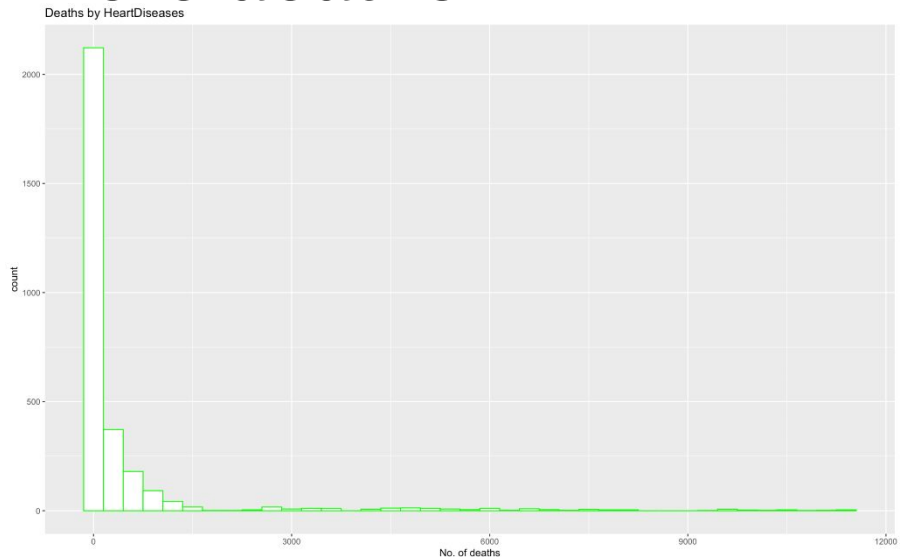
	df\$RaceEthnicity	n
1	Hispanic	500
2	Non-Hispanic American Indian or Alaska Native	500
3	Non-Hispanic Asian	500
4	Non-Hispanic Black	500
5	Non-Hispanic White	500
6	Other	500

```
> |
```

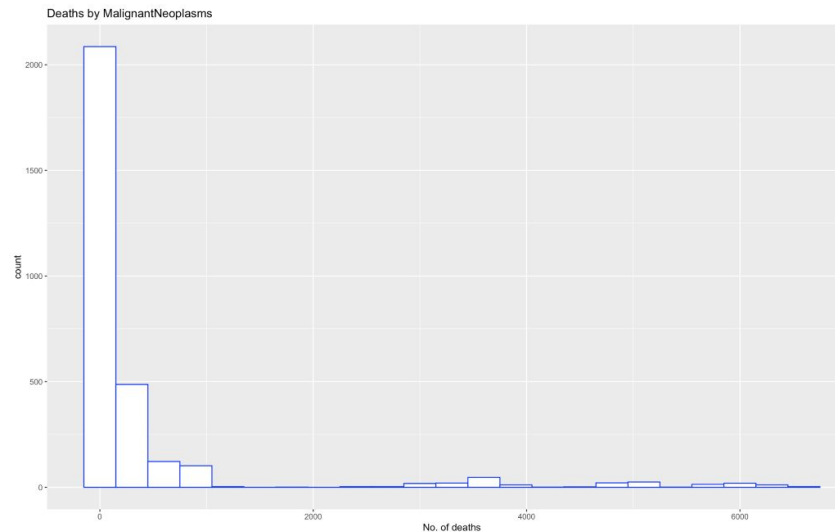
Pie Chart to see which disease caused more deaths



Heart Diseases and Malignant Neoplasms caused more deaths



Heart diseases > 11000



Malignant Neoplasms > 6500

Finding highest deaths in Sex,Race and Age group Due to Heart Disease

```
> #Finding Sex, Age group and Ethnicity at highest HeartDisease  
> hd_sex<-tapply(df$HeartDiseases,df$Sex, max)  
> hd_race<-tapply(df$HeartDiseases, df$RaceEthnicity, max)  
> hd_age<-tapply(df$HeartDiseases,df$AgeGroup, max)  
> View(sort(hd_sex,decreasing = TRUE))  
> View(sort(hd_race,decreasing = TRUE))  
> View(sort(hd_age, decreasing = TRUE))
```

.. cont

sort(hd_sex, decreasin...	double [2]	11502 8236
Female	double [1]	11502
Male	double [1]	8236

Name	Type	Value
sort(hd_race, decreasi...	double [6]	11502 1477 978 462 407 52
Non-Hispanic White	double [1]	11502
Non-Hispanic Black	double [1]	1477
Hispanic	double [1]	978
Non-Hispanic Asian	double [1]	462
Other	double [1]	407
Non-Hispanic Ameri...	double [1]	52

Name	Type	Value
sort(hd_age, decreasin...	double [10]	11502 6703 5538 3640 1277 420 ...
85 years and over	double [1]	11502
75-84 years	double [1]	6703
65-74 years	double [1]	5538
55-64 years	double [1]	3640
45-54 years	double [1]	1277
35-44 years	double [1]	420
25-34 years	double [1]	128
15-24 years	double [1]	34
0-4 years	double [1]	14
5-14 years	double [1]	0

Finding highest deaths in Sex,Race and Age group Due to Malignant Neoplasms

```
> ##Finding Sex, Age group and Ethnicity at highest MalignantNeoplasms
> mn_sex<-tapply(df$MalignantNeoplasms,df$Sex, max)
> mn_race<-tapply(df$MalignantNeoplasms, df$RaceEthnicity, max)
> mn_age<-tapply(df$MalignantNeoplasms,df$AgeGroup, max)
> View(sort(mn_sex,decreasing = TRUE))
> View(sort(mn_race,decreasing = TRUE))
> View(sort(mn_age, decreasing = TRUE))
```

.. cont

Name	Type	Value
sort(mn_sex, decreasi...	double [2]	6498 5217
Male	double [1]	6498
Female	double [1]	5217

Name	Type	Value
sort(mn_race, decreasi...	double [6]	6498 1074 593 252 232 56
Non-Hispanic White	double [1]	6498
Non-Hispanic Black	double [1]	1074
Hispanic	double [1]	593
Other	double [1]	252
Non-Hispanic Asian	double [1]	232
Non-Hispanic Ameri...	double [1]	56

Name	Type	Value
sort(mn_age, decreasi...	double [10]	6498 6208 3896 3873 1057 320 ...
65-74 years	double [1]	6498
75-84 years	double [1]	6208
85 years and over	double [1]	3896
55-64 years	double [1]	3873
45-54 years	double [1]	1057
35-44 years	double [1]	320
25-34 years	double [1]	104
15-24 years	double [1]	45
5-14 years	double [1]	25
0-4 years	double [1]	16

**ANY
QUESTIONS?**