

final project code

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Importing & Cleaning the Data

I need to merge two datasets but I don't have a common ID code - may have to go through and check names. For now, just using the names of countries and it's worked ok.

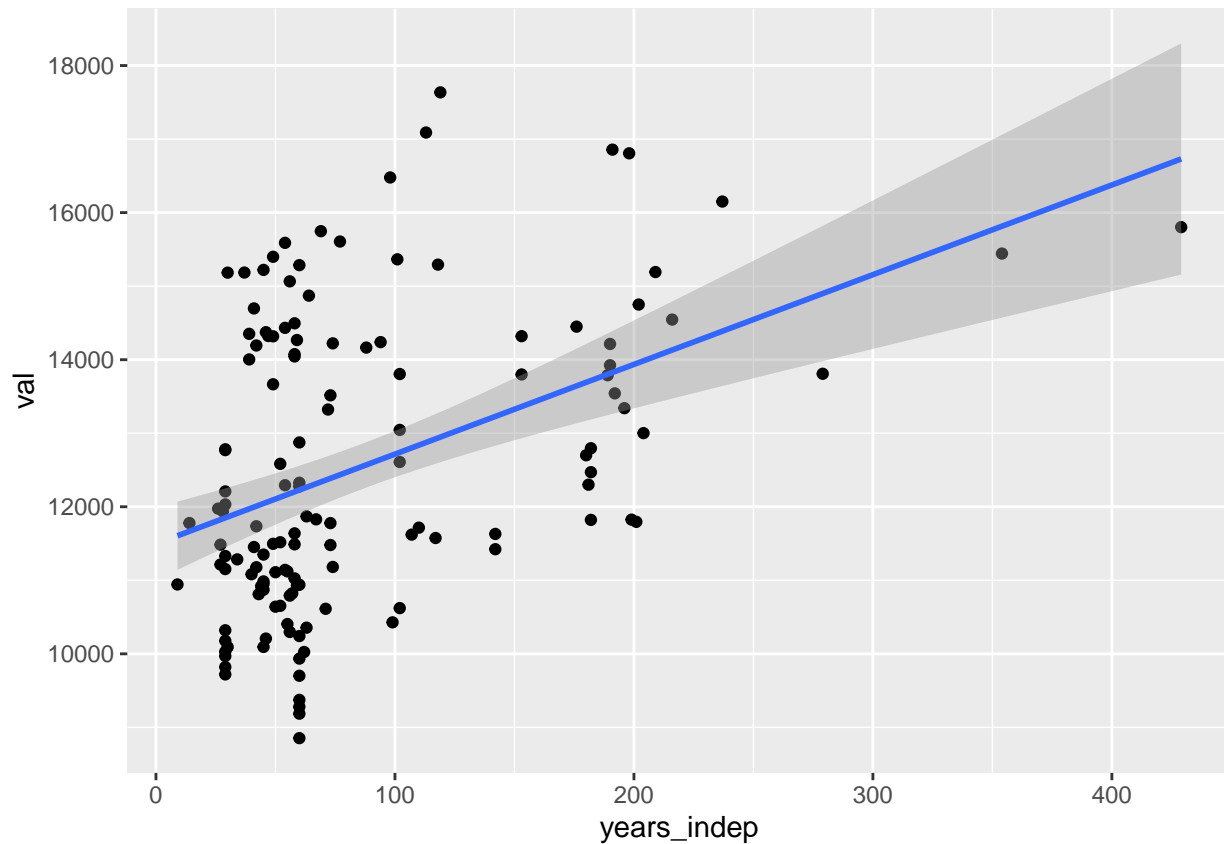
```
## Parsed with column specification:
## cols(
##   State = col_double(),
##   Name = col_character(),
##   ColRuler = col_double(),
##   IndFrom = col_double(),
##   IndDate = col_double(),
##   IndViol = col_double(),
##   IndType = col_double(),
##   SecFrom = col_double(),
##   SecDate = col_double(),
##   SecViol = col_double(),
##   Into = col_double(),
##   IntoDate = col_double(),
##   COWsys = col_double(),
##   GWsys = col_double(),
##   Notes = col_character()
## )
```

```
## Parsed with column specification:
## cols(
##   measure_id = col_double(),
##   measure_name = col_character(),
##   location_id = col_double(),
##   location_name = col_character(),
##   sex_id = col_double(),
##   sex_name = col_character(),
##   age_id = col_double(),
##   age_name = col_character(),
##   cause_id = col_double(),
##   cause_name = col_character(),
##   metric_id = col_double(),
##   metric_name = col_character(),
##   year = col_double(),
##   val = col_double(),
##   upper = col_double(),
```

```
## lower = col_double()
## )
```

Data Analysis

```
## 'geom_smooth()' using formula 'y ~ x'
```



Regression Table

```
##
## \begin{table}[!htbp] \centering
##   \caption{}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \hline
## \hline \hline
## & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \hline & \multicolumn{2}{c}{Rate of Mental Health Disorders} \\
## \hline & (1) & (2) \\
## \hline
## Years Since Independence & 12.201$^{***}$ & 14.627$^{***}$ \\
## & (2.274) & (2.610) \\
## & & \end{table}
```

```

## Violence Independence & & $-689.685$^{*}$ \\
## & & (374.372) \\
## & & \\
## Constant & 11,495.780$^{***}$ & 11,530.210$^{***}$ \\
## & (250.307) & (248.803) \\
## & & \\
## \hline \\[-1.8ex]
## Observations & 136 & 136 \\
## R$^{2}$ & 0.177 & 0.197 \\
## Adjusted R$^{2}$ & 0.171 & 0.185 \\
## Residual Std. Error & 1,817.429 (df = 134) & 1,801.409 (df = 133) \\
## F Statistic & 28.801$^{***}$ (df = 1; 134) & 16.355$^{***}$ (df = 2; 133) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{2}{r}{\textit{$^{*}$p} < 0.1; \textit{$^{**}$p} < 0.05; \textit{$^{***}$p} < 0.01} \\
## \end{tabular}
## \end{table}
##
## \begin{table}[!htbp] \centering
## \caption{}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}} c}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## Mental Health Burden Based on Independence Year and Violent Independence \\
## \hline \\[-1.8ex]
## \end{tabular}
## \end{table}

```