

FinalProject_Step1_TorresGloria

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2023-05-14

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# Introduction:
# Objective: Get more people informed about Child Sexual Abuse.

# The Child Sexual Abuse Statistics are alarming; for example, The Victims of Crime organization webpage
# 20% of adult females and 5-10% of adult males experienced a sexual assault or sexual abuse incident w
# In one year in the United States, 16% of children aged 14 to 17 are sexually abused.
# During life, 28% of people between 14 to 17 are sexually abused.
# Kids between the age of 7 to 13 are more vulnerable to this crime.
# For a very high number of cases, the abuser lives in the house or is a close family member.

# Research questions:
#1. What situations make a kid more vulnerable to being a victim of sexual abuse?
#2. What are the states with the highest number of sexual abusers?
#3. How can data be used to stop child sex offenders and pedophiles before they commit a crime?
#4. What are the most common age ranges of kids that are victims of this crime?
#5. What can we do as a society to protect the kids?
#6. What are the signs of child abuse?

# Approach:
# Analyze by zip code, city, and state reported child sexual abuse cases. Analyze existing data that co

# Data (Minimum of 3 Datasets - but no requirement on number of fields or rows:

# • Dastagir, A (2022, Jan 10). The complicated research behind pedophilia. USA TODAY. https://www.usa
# Trends.google.com (2022). Google Trends
# Cohen, L. J. (2009, June 8). Psychiatric Times. Retrieved from Psychopathology and Personality Traits
# Statista. (2022, January). Retrieved from Number of unique victims of child abuse in the United Sta
# Meyer, T. (2022, September 16). emmer.house.gov. Retrieved from Emmer - Supported Bill to Bring Child
# National Library Of Medicine. (2021, April 25). Retrieved from Typologies and Psychological Profiles
# NSPCC. (n.d.). Retrieved from Sexual Abuse: https://www.nspcc.org.uk/what-is-child-abuse/types-of-abu
# Ohio Attorney General. (2022). Ohio's sex offender registry includes over 20,000 offenders.
# Victims of Crime. (n.d.). Retrieved from Child Sexual Abuse Statistics: https://victimsofcrime.org/ch

# Required Packages
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```
library(plyr)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:plyr':
##
##   arrange, count, desc, failwith, id, mutate, rename, summarise,
##   summarize

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
```

```
library(magrittr)
library(car)
```

```
## Loading required package: carData
```

```
##
## Attaching package: 'car'

## The following object is masked from 'package:dplyr':
##
##   recode
```

```
library(ggplot2)
```

```
# Plots and Table Needs
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```
# Plot
# Density
# Histogram
# Scatter
```

```
# Questions for future steps:
# Number of victims by area
# Age of the Victims
# Type of Abuse
# Economic Status of the Victim
# Abuser's Profile
```