HATE CRIMES UNITED STATES

Project report

Fontys ICT & Business
Roberto Conti

CONTENTS

INTRODUCTION

My project is based on the analysis of hate crimes in the United States of America. The dataset is provided by the Federal Bureau of Investigation (FBI).

GOAL OF THE PROJECT

The goal of this analysis is to provide a general context on hate crimes with the main objective of providing useful information in order to be able to act on this phenomenon from different points of view.

Indeed, the analysis of these data serves to provide an overview of the distribution of hate crimes in the nation, and consequently how to distribute government economic resources.

Consequently, even focusing on carry out awareness campaigns.
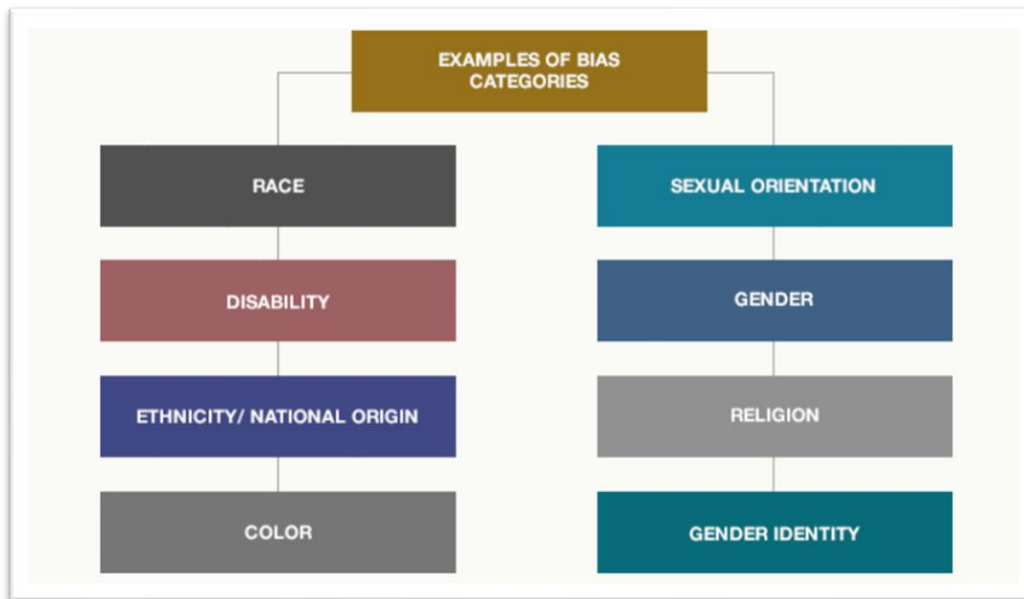
HATE CRIMES

What they are
Hate crimes are motivated, in whole or in part, by the offender's bias against a race, gender, gender identity, religion, disability, sexual orientation, or ethnicity, and were committed against people, property, or society.

Why have hate crime laws
Hate crimes have a broader effect than most other kinds of crime. Hate crime victims include not only the crime's immediate target but also others like them. Hate crimes affect families, communities, and at times, the entire nation.

Why report hate crimes?
It is critical to report hate crimes not only to show support and get help for victims, but also to send a clear message that the community will not tolerate these kinds of crimes. Reporting hate crimes allows communities and law enforcement to fully understand the scope of the problem in a community and put resources toward preventing and addressing attacks based on bias and hate.

KPIS

- Number of offenders per race
- Total Number of Hate Crime Cases through each Year
- Total Number of crimes by comparing 2019 and 2020
- Total number of hate crimes, offenders and victims for each Region
- Total Number of Hate Crime Cases each Year per Region
- Hate Crimes per bias motivation
- Total Hate Crimes per number of victims greater than 10 per Bias
- Average days between two crimes Per Bias Type

REFLECTION

I found the project very interesting to carry out: combining everything we learned and applying it to practice was very stimulating.

What I found most difficult is the choice of the data set, because there are so many that you don't know what to choose, and this led me to a consideration: in the world of work you don't choose the dataset you like but you have to adapt to the sector. in which you operate, and from this I understood that it is necessary to develop a lot of patience and a spirit of adaptation. Another challenging part was defining the KPIs;

My dataset has several columns (about 28), in this scenario I learned that you have to skim a lot and decide what to focus on because you can't analyze everything.

 Hence the need and the importance of asking questions even before working on the data. You have to study the data set and the context and only then start analysing.

Another demanding and long part is data cleaning.

In overall the difficulty was balanced on our level

RECOMMENDATIONS

Surely the project could have been developed in a more in-depth and detailed way, but given the timing, in general I am satisfied. What I would have improved is the layout of my dashboard, and perform more in-depth analyzes on some aspects. I would have preferred to take into account more variables and after having made a first analysis and created the visualization I would have liked to find correlations between the different graphs, and consequently, based on those similarities, perform more detailed analyzes.

REFERENCES

Where I found the dataset : https://www.kaggle.com/code/lewanfuowski/hate-crime-report-from-1991-to-2020/data

Original Source dataset: https://crime-data-explorer.app.cloud.gov/pages/downloads#nibrs-downloads

Explanation of what is hate Crime: https://www.justice.gov/hatecrimes/hate-crime-statistics

Inspiration: https://www.justice.gov/hatecrimes/hate-crime-statistics ,

https://www.kaggle.com/code/lewanfuowski/hate-crime-report-from-1991-to-2020/notebook