BORDER CROSSING ENTRY DATA

SAGAR

SANTHOSH

MEGHANA

College of Engineering and computing, George Mason University AIT 580: Analytics Big Data to Info  
 Dr. Amakobe Moody  
 April 9, 2023

1. Briefly describe why you selected the dataset; what is your interest in the topic/domain.

We have selected this dataset because it helps us to identify the migration patterns between us -Mexico and us-Canada border and also the imports and exports ratio of can be determined because of which we can implement the new rules and also, we can provide the new resources allocation for services.

1. State at least 3 well-formulated research questions that could be answered by exploring the dataset.

What are the most frequent justifications for crossing borders? Do border crossings for goals (such job, travel, or education) vary seasonally?

Which state receives the highest number of immigrants?

Are there any noteworthy trends or patterns in the history of the number of border crossings?

1. Briefly explain the potential benefits of answering the research questions (i.e., why is it important to study the dataset?)

Identifying migratory patterns: The dataset can be used to identify historical border crossing patterns and trends. Policymakers can decide wisely on resource allocation and border security measures by studying this data.

Informing policy choices: The dataset can be used to help make choices on immigration, trade, and border security. Policymakers can make decisions that better suit the needs of the public by knowing the data.

Public safety: to understand the trends in transportation used for border crossing to recognize risks in order to implement enforcement agencies in order to take appropriate measures.

1. Provide a proper citation for the source of the dataset; see <https://infoguides.gmu.edu/citingdata>

U.S. Bureau of Transportation Statistics. (2021, August 30). Border Crossing Entry Data. [Online]. Available: <https://catalog.data.gov/dataset/border-crossing-entry-data-683ae>