How International Travel Has Been Affected By COVID-19

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**Introduction**

COVID-19 affected everyone around the world in different ways. It has critically damaged various businesses and industries. Travel industry is one of the biggest victims of COVID-19 pandemic, for the harsh travel restrictions and the fear of catching COVID-19 has prevented or deterred international travel for many people. We will take a closer look on its impact. We will investigate how many fewer people traveled in and out of Canada due to COVID-19, whether or not the government set deterrents had an effect in the number of travelers, and how much more people will travel as the COVID-19 pandemic situation improves.

**Experimental Setup**

We acquired our dataset from Statistics Canada website. It included how many people travelled every month, how they travelled, and their destinations/source (United States, Canada, other). We also used a COVID-19 intervention timeline in Canada to see one of the major deterrents of international travelers: The travel restrictions. We converted the dataset from Statistics Canada from pdf to a csv file, and the COVID-19 intervention timeline was provided as a csv. We used an external application called Able2Extract to convert the pdf file from Statistics Canada to a csv.

We changed the index and various fields of the pdf file, so that it can be readable by pandas in python and to be further cleaned and analyzed. The csv files were re-organized and separated to different files. Fields such as dates had to be changed to number of days from the start of the recording because dates directly could not be used for the machine learning techniques used.

**Results**

**Discussion**

Conclusion

Conclusion

**References**

https://www150.statcan.gc.ca/n1/pub/66-001-p/2021009/tbl/tbl-1-eng.htm

https://www.cihi.ca/en/covid-19-intervention-timeline-in-canada