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Factors Influencing Fatal Car Accidents

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Factors Influencing Fatal Car Accidents

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Fatal car accidents are all too common in the world today. There were 29,757 fatal car accidents in the United States in 2011. I used an ordinary least squares model and SPSS to produce a regression that explains the relation between multiple variables and the number of fatalities in an accident. Through my research, I hoped to gain insight as to what variables have the biggest impact on the number of fatalities, and what drivers can do to protect themselves each day from being killed while driving. Although there are many factors that influence fatal car accidents, choosing to wear a seat belt was the most crucial action in saving lives.

Information about the Author:

Jessica Richardson is an economics and mathematics major with a minor in business. She wanted to work on a project that combined mathematics and economics in a way that relates to the real world. As the daughter of a police officer and a nurse, she is very interested in finding ways to protect drivers from being involved in fatal accidents.

Faculty Sponsor: Dr. Sara Gundersen

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