Abstract

Transportation plays a crucial part in today's modern society as it connects every country on every continent, and makes everyday commuting feasible. Essential products and services like raw materials, food, and trade are all dependent on effective means of transportation. Although governments do well in satisfying the demand for it, society often overlooks the devastating side effects that come with it such as its effectiveness in minimizing congestion, and most importantly its significant environmental impacts. For example, according to *Global climate change and transportation infrastructure: lessons from the New York area* [1], global warming is a counterintuitive byproduct that poses significant challenges for transportation infrastructure in coastal regions where many heavily-used transportation centers in New York are less than ten feet from sea level. Additionally, it brings out how exposure to rising temperatures affects the durability of pitch materials used for roads and bridges, and how, with the added stress from urban traffic, serious economic situations are bound to happen.

So, what's being done about it? People are beginning to push for more renewable and cost effective forms of transportation such as electric bikes, and scooters. With that said, [data showing trends of e-bike usage over the years].

0.1 Introduction

0.2 Question 1: The Road Ahead

0.2.1 Defining the Problem

For this problem, a prediction about the growth of e-bike sales needs to be made specifically for the years 2025 and 2028 (respectively two and five years from now) for the United States and the United Kingdom.

0.2.2 Assumptions

1. There will not be noteworthy economic changes in the US and UK that hinder the ability to purchase e-bikes.

   Justification:

2. The rate of which e-bikes annually are sold remains uniform to the trend lines for both the US and UK within a reasonable margin of error.

   Justification: xyz

0.3 Methods

0.4 Results

0.5 Conclusion

Bibliography

[1] Rae Zimmerman. Global climate change and transportation infrastructure: lessons from the new york area. *Development*, 11(A17), 1999.