Student name: Pranik Koirala

Academic level: Master's

Thesis/dissertation title: *Understanding the Factors Affecting Safety of E-Scooter and Bicycle Users in Urban Environments: An Injury Severity Analysis Using Machine Learning and Natural Language Processing*

Impact Statement:

"My involvement in the SAFE-D project "DELVING INTO SAFETY CONSIDERATIONS OF E SCOOTERS: A CASE STUDY OF AUSTIN, TEXAS," University Transportation Centers Program, Department of Transportation, has significantly transformed my educational journey and career prospects. This project has enabled me to achieve substantial milestones and cultivate invaluable skills and experiences.

- Completion of master's degree in Transportation Engineering:
  My engagement in this project was instrumental in securing the financial support needed to successfully complete my master's degree in Transportation Engineering.

- Advanced data analysis and machine learning expertise:
  My participation in this project led me to actively pursue comprehensive training in data analysis and machine learning. I enrolled in specialized courses tailored to my research objectives, allowing me to master advanced analytical techniques for large-scale data management, particularly relevant in the context of transportation planning and safety. In addition, I gained hands-on experience in efficiently managing, processing, and extracting valuable insights from multiple data sources.

- Comprehensive project lifecycle experience:
  I had the privilege of participating in this project from its inception to its culmination. This engagement equipped me with a deep understanding of project management, research methodologies, and complex problem-solving. Such comprehensive project experience has refined my ability to address multifaceted challenges within the transportation sector effectively.

- Gateway to the transportation Industry:
  Beyond academic excellence, my involvement in this project served as a pivotal gateway to the transportation industry. My practical experience, coupled with an expanding professional network, has rendered me an attractive candidate for various career opportunities within the field.

In summary, my commitment to the project has been transformative, shaping my education and career trajectory. My journey encompassed the acquisition of advanced data analysis and machine learning skills, mastery of comprehensive data handling techniques, and the attainment of a master's degree in Transportation Engineering. This experience, along with my holistic project involvement, has positioned me as a highly capable and adaptable professional ready to contribute to the dynamic and data-driven landscape of the transportation industry."