Project Proposal – FINAL PROJECT – KRISHNA PULIPAKA

Project Name: “**Are we there yet?**”

Topic: “Incident-Free Travel/Delay Prediction”

Data sources: developer.tomtom.com/traffic-api

Type of ML analysis: Supervised Learning (based on historical data)

Potential models to be used: Prediction and Classification

Ideas for visualizations that you would like to include:

* User Input on Travel Date with Point A and Point B
* map zooms to the Point A and Point B and provide multiple routes available
* histogram showing the probability of incident-free travel based on the time of the day/day of the week/month of the year which can be a scroll bar or some type of dynamic visualization
* If user inputs a future date and algorithm predicts travel time and delays