

PROJECTS:

Crash Analysis & Tool Box

Congestion Predictive Model

Web Application



CRASH ANALYSIS OVERVIEW

Purpose of study:

- Identify the clusters in Philadelphia
- Theorize a relationship between density of crashes and its explanatory parameters : Built design and measures of poverty

Team Composition: 1 Phd lead researcher & 3 graduate research assistant

Role: Preparing data visualization & Running linear regression model

PERSONAL PROJECT

ArcPy Toolbox: ST Centerline Segmentation and Assignment

