Progress Report

Truck Stop Project

William Clinton Co

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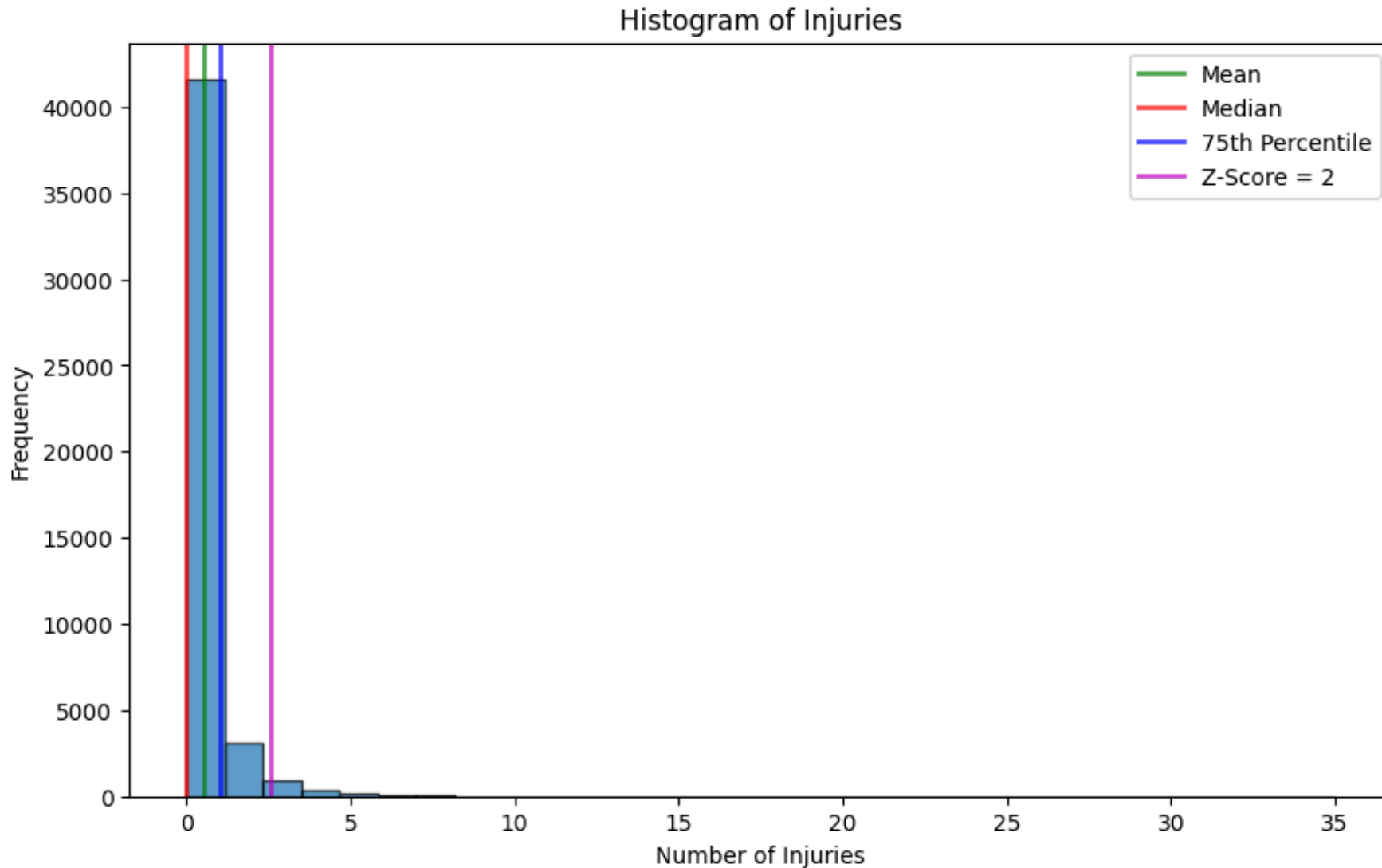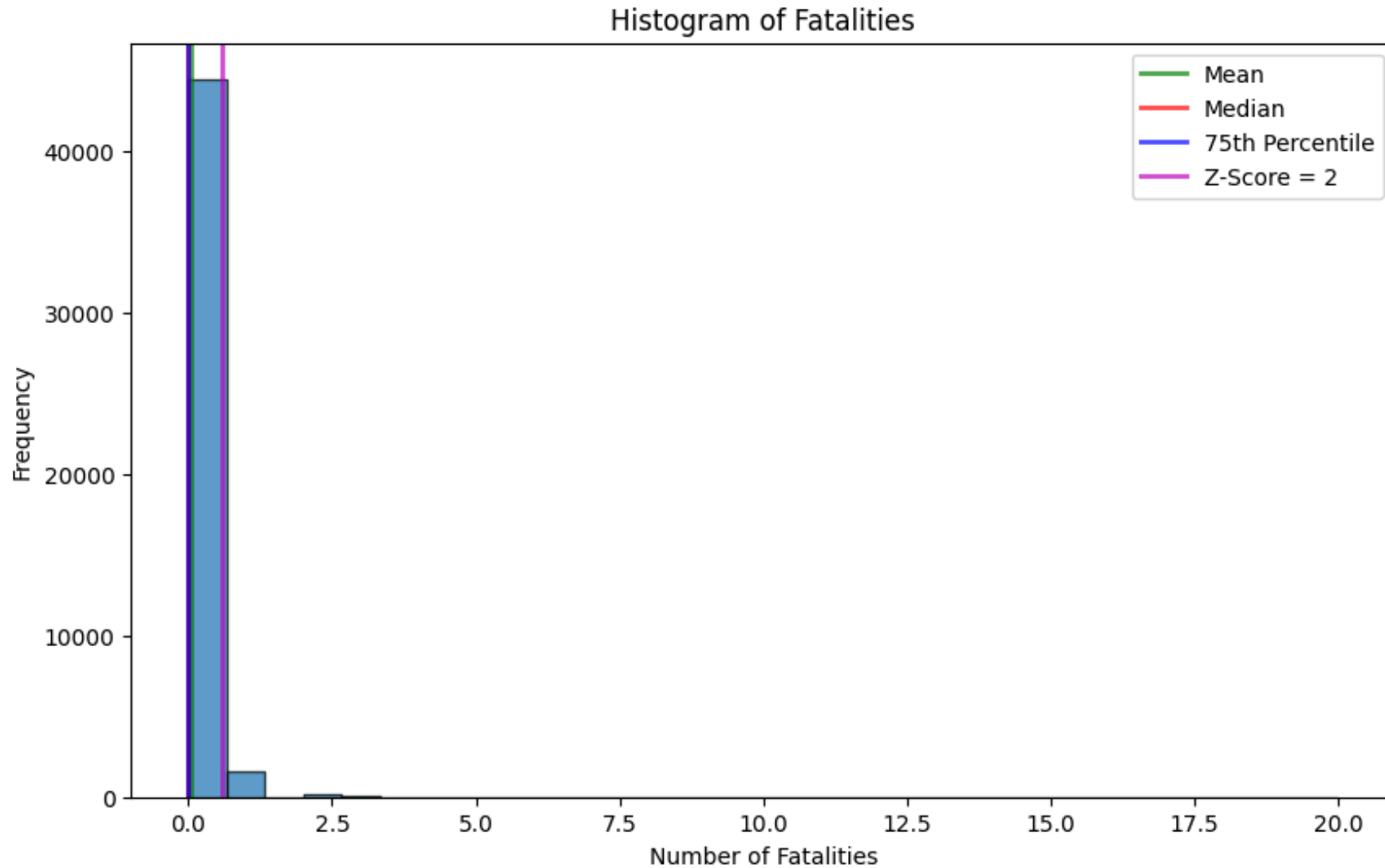
Template slides

Ideas Updates

1. What constitutes as severe accident?

2. Adjusted Model for Truck Parking Analysis

3. Data Cleaning Progress

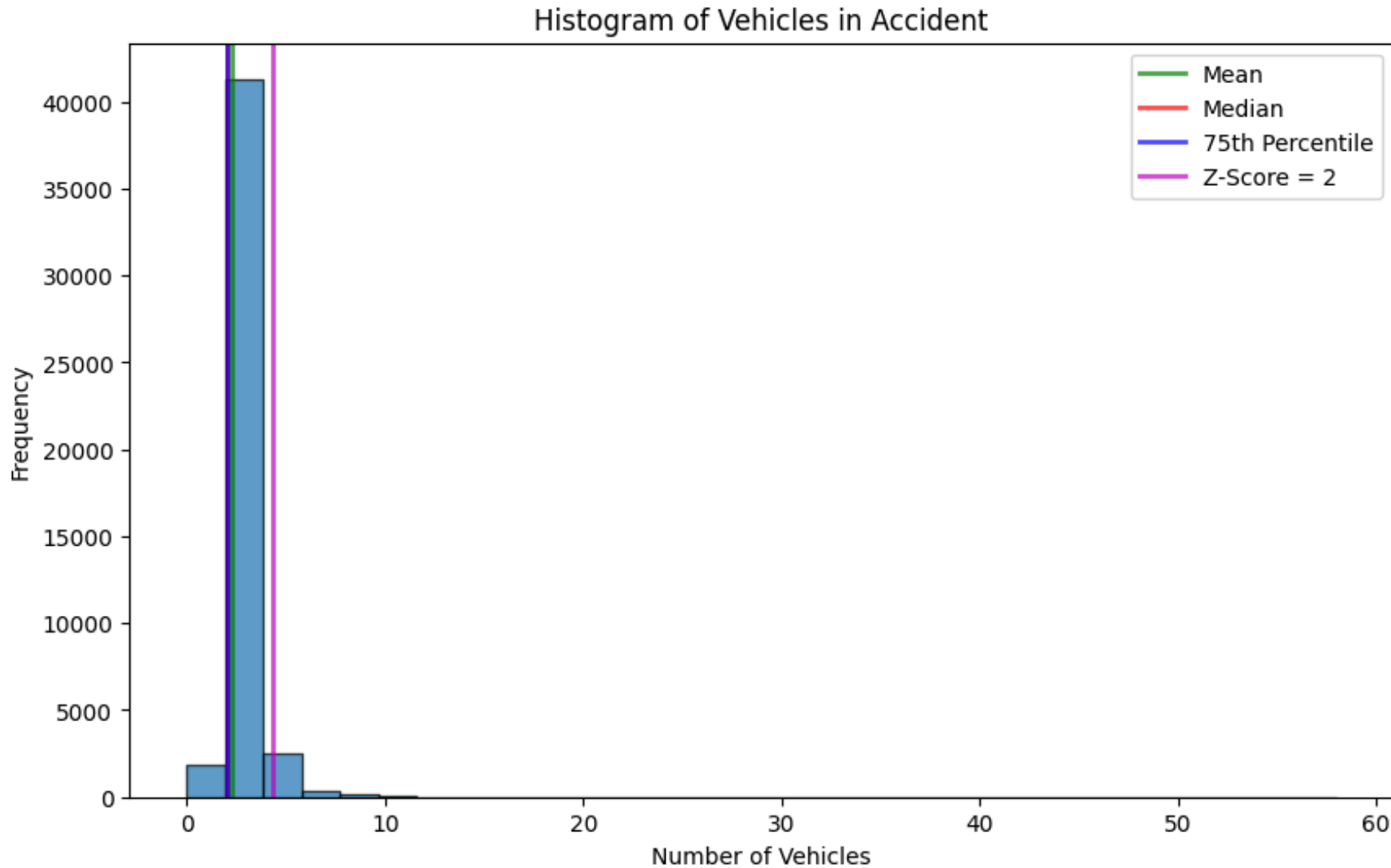# What constitutes as severe accident?

Histogram of Injuries

What constitutes as severe accident?

Histogram of Fatalities

What constitutes as severe accident?

Histogram of Vehicles in Accident

Adjusted Model for Truck Parking Analysis

Adjusted Model for Truck Parking Analysis

- Fix limited observations

- ways to deal with it?

Adjusted Model for Truck Parking Analysis

look at $\triangle_{2006}$ and change in $\triangle_{2016}$ vs look at $\triangle_{2006-206}$

Adjusted Model for Truck Parking Analysis

$$\Delta \mathrm{Num\backslash\_Truck\backslash\_Stop}_{t=2006-2016} = \sum_{i=2}^{0} \beta_{t-i} \mathrm{TPA}_{t-i} \cdot \mathrm{Sever}$$

$$+ \gamma X_t + \epsilon_t$$

- $ _{t-i} $: A lagged dummy variable indicating a severe truck parking accident.

- Severity is our measure of severity of the accident ('VEHICLES_IN_ACCIDENT' or 'INJURIES' or Fatalities)

Data Cleaning

Data Cleaning Tips?

need to join to 1 column how?

References