**NICO DURAN**

Eskwelabs Capstone

**OVERVIEW**

This is a challenge from AI for S.E.A sponsored by Grab. The organization has been proactively pushing to make transportation in SEA safer. As part of the effort, they want to identify dangerous driving in a timely manner.

**QUESTIONS TO ANSWER**

* What is a safe speed
* What is a safe acceleration
* What is a safe angular velocity
* What is a safe bearing
* How to incorporate accuracy in determining a safe/unsafe trip
* How many instance, and thresholds of unsafe occurrences of speed, acceleration, and angular velocity can make a trip be tagged as unsafe

**DATASET**

<https://s3-ap-southeast-1.amazonaws.com/grab-aiforsea-dataset/safety.zip>

**UNDERSTANDING THE DATASET**

* The dataset is clean, there are no missing values
* The readings have different accuracy per point in time in a trip
* The data is based on telematics data during trips

**MOTIVATION FOR THIS TOPIC**

* Curiosity
* Availability of dataset
* Chance to win a price from Grab