

SpeedBumps ML

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Document Status:

Name	PO_SB_CR_SpeedBumps_ML
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Document History:

Version	Author	Date Change
1.0	Mariam	[26-9-2022] Initial Creation

Project Description:

Definition:

A Deep learning model that detect the speed bumps on the road and estimates the distance between the car and the bump.

Features:

- Model that detects speed bumps on road.
- Estimate the distance between vehicle and bump.

Key Elements:

- Data mining
- The model detects speed bumps using neural network
- The distance between the car and the bump shall be estimated.

Mapping Customers's ID:

ID Requirement	Covers
PO_SB_CR_SpeedBumps_ML_ 001 -V1.0	Data mining
PO_SB_CR_SpeedBumps_ML_ 002 -V1.0	The model detects speed bumps using neural network
PO_SB_CR_SpeedBumps_ML_ 003 -V1.0	After successful detection , The distance is estimated between the car and the bump by using specified Algorithm