Crash Detection Report

Structured Report: Crash Detection Analysis

Crash Likelihood: **Low**

The data provided does not indicate any sudden or extreme changes in vehicle dynamics, such as abrupt deceleration, erratic steering, or impact forces, which are typical indicators of a crash. The vehicle's speed, acceleration, and other parameters appear to follow a consistent and controlled pattern.

Detected Anomalies

- 1. Negative Instante Tuel Consumption (km/L)" values become negative, which is physically impossible. This could indicate a sensor malfunction or data corruption.
- 2. High Engine RRM randaSpectbadily from 2500 rpm to 29500 rpm, and the vehicle speed increases from 30 km/h to 570 km/h. These values are unrealistic for most vehicles and suggest potential data errors or sensor issues.
- 3. **Unimentisticle Vertrieller at iccrelle cations** s linearly from 0.2g to 5.6g, which is far beyond the capabilities of standard passenger vehicles. This further supports the likelihood of data anomalies.
- 4. **Constant Temportile Prositions** at 100% throughout the dataset, which is unusual for normal driving conditions and could indicate a sensor or data issue.

Possible Causes

- 1 Serasona Ma In in the community of the community of the control of the contro
- 2.- Data Organistion alues in the dataset could be due to corrupted or improperly recorded data.
- 3.-SintulatednoxyTestfiDatax simulation or test environment rather than real-world driving, explaining the unrealistic values.

Recommendations

- 1 The peter Steins or and Data Lydgen gasystem consumption, engine RPM, and acceleration, for malfunctions or calibration issues.
- 2.-**VienifyrDaha Integrityg**ing system is functioning correctly and that the recorded data is accurate and free from corruption.
- 3.-Contributate ear-World in the state of th

driving data to ensure accuracy.

- 4. Mounition for similar anomalies and address any recurring issues promptly.
- 5.-Cothsults Man placity repostile then iciain le manufacturer or a qualified technician for further diagnostics and repairs.

This analysis suggests that the data is likely not indicative of a crash but rather points to potential sensor or data logging issues that need to be addressed.