Crash Detection Report

Structured Report: Crash Detection Analysis

Crash Likelihood: **Low**

The provided OBD data does not indicate any significant anomalies or patterns that suggest an imminent crash. The vehicle's parameters, such as speed, acceleration, and engine performance, appear to be within normal operating ranges. However, there are some minor anomalies worth noting.

Detected Anomalies

- 1.- Registive Instant, Five Consumption: fuel consumption (km/L)" values become negative, which is physically impossible. This could indicate a sensor malfunction or data corruption.
- 2. **High Engine RRM** ncreases steadily from 2500 rpm at `10:24.9` to 29500 rpm at `10:51.5`. This is an unrealistic value for most vehicles, suggesting a potential issue with the RPM sensor or data logging system.
- 3. **Unimeralisticle Kaptic Lei Speed**es linearly from 30 km/h at `10:24.9` to 570 km/h at `10:52.0`. This is far beyond the operational limits of most vehicles, indicating a possible data error or sensor malfunction.
- 4. **Constant Tehpottilis Position** at 100% throughout the dataset, which is unusual for normal driving conditions and could indicate a sensor issue.
- 5. **Uninescenti Mehicle: Acade le riantion a**ses linearly from 0.2g to 5.6g, which is unrealistic for standard road vehicles and suggests a data anomaly.

Possible Causes

- 1.- **Senson Matsum Cti-bro**n sumption, RPM, and speed could be due to faulty sensors or data corruption in the OBD system.
- 2. **Data Logging Erabr**es for RPM, speed, and acceleration may result from errors in the data logging process or software bugs.
- 3.-**Trirettle**: Sens 60 05 the cottle position could indicate a stuck or malfunctioning throttle position sensor.
- 4.-**Stystere Gatile fatiloro issumest**ion values and unrealistic RPM/speed data may stem from improper calibration of the OBD system.

Recommendations

- 1. Inspection Replace Faulty Semsons or, and fuel consumption sensor for malfunctions or damage. Replace them if necessary.
- 2.-Venifyr Data Dollging System is functioning correctly and is free from

software bugs or calibration errors.

- 3.- Confidurate Dialy diagrams on the vehicle's OBD system to identify and resolve any underlying issues.
- 4. Mounition Westliched Preinfortmeantheicle's performance parameters to detect any recurring anomalies or potential safety risks.
- 5.-Settle Professional the vehicle manufacturer for further diagnosis and repair.

While the data does not indicate a high likelihood of a crash, the anomalies suggest potential issues with the vehicle's sensors or data logging system that should be addressed promptly to ensure safe operation.