# **Crash Detection Report**

## **Structured Report: Crash Detection Analysis**

### \*\*Crash Likelihood\*\*: \*\*Low\*\*

The provided OBD data does not indicate any sudden or extreme changes in vehicle dynamics, such as abrupt deceleration, sudden loss of speed, or abnormal engine behavior, which are typical indicators of a crash. The data shows a gradual increase in speed, RPM, and acceleration, suggesting normal driving conditions.

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## \*\*Detected Anomalies\*\*

- 1. Negative (PStante-Fuel Consumption (km/L)" values become negative, which is physically impossible. This could indicate a sensor malfunction or data corruption.
- 2. High Engine RRM canch Expende 29,500 rpm and the vehicle speed goes up to 570 km/h, which are unrealistic values for most vehicles. This suggests potential data corruption or sensor of the area o

#### \*\*Possible Causes\*\*

- 1. Serasonal Malfunction in the OBD system.
- 2.-Data Organistionalues (e.g., 29,500 rpm, 570 km/h) suggest potential corruption in the data logging or transmission process.
- 3.-Trirettle Sens 6005 tile: ottle position could indicate a stuck or malfunctioning throttle position sensor.
- 4.-Stoftewarga (A) it the l consumption values and unrealistic data points could be caused by a software bug in the OBD system.

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#### \*\*Recommendations\*\*

- 1 The peter the position sensor, RPM sensor, speed sensor, and fuel consumption sensors for malfunctions or physical damage.
- 2.-**VenifyrData Deligited:System** system is functioning correctly and is not corrupted. Recalibrate or update the software if necessary.
- 3.-Tiespetrattle Systemystem for mechanical issues, such as a stuck throttle or faulty wiring.

- 4. Mamition for Similar anomalies. If the issue persists, consider replacing the affected sensors or the OBD system.
- 5. **Consults and professional** solved through basic troubleshooting, consult a professional mechanic or the vehicle manufacturer for further diagnostics.

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This analysis suggests that the anomalies in the data are likely due to sensor or system malfunctions rather than an actual crash. Immediate attention to the identified issues is recommended to ensure safe and accurate vehicle operation.