AI DRIVING CLASSIFICATION

An LSTM-Based Approach for Driving Behavior Classification

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Keywords: Artificial Intelligence, Neural Networks, LSTM, RNN, Driving Classification

# Introduction (*Heading 1*)

Artificial intelligence has caused several industries to change or evolve for the better, and the automotive sector is no exception. The "AI Driving Classification" project aims to harness the power of neural networks to analyze and classify driving behavior. Recognizing driving patterns is fundamentally necessary not only for enhancing road safety but also for developing Advanced Driver-Assistance Systems (ADAS) and autonomous vehicles. This project identifies and classifies driving behavior concerning acceleration, braking, and driving styles using data from a mobile application.

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Identify applicable funding agency here. If none, delete this text box.

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*a**b* 

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* The word “data” is plural, not singular.
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An excellent style manual for science writers is [7].

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1. Table Type Styles

| Table Head | Table Column Head | | |
| --- | --- | --- | --- |
| Table column subhead | Subhead | Subhead |
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7. M. Young, The Technical Writer’s Handbook. Mill Valley, CA: University Science, 1989.

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