
COMPARING TRANSFER LEARNING TECHNIQUES FOR DETECTION OF TRAFFIC SIGNS USING IMAGE RECOGNITION

**MSc DATA ANALYTICS (JAN 2020)
BATCH-A TUTORIAL-2**

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WHAT IS THE AIM?

AMANDEEP SINGH

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- **Compare different types of Deep Learning algorithms for traffic sign detection and recognition**
 - **CNN was used**
 - **Transfer Learning models were included in the mix**
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WHAT IS THE MOTIVATION?

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- **1.35 million deaths (each year, globally) [WHO Stats] in car-related accidents**
 - **Primary cause: human error —> completely avoidable**
 - **Need for automation to reduce deaths**
 - **DL and TL techniques are used**
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SEQUENCE OF PRESENTATION

Data Description and Research Overview - Hitesh

Methodology - Vikas

Project Outline - Vishal

Results and Concluding Remarks - Aman
