Image Colourization via Convolutional Neural Networks and Deep Learning

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Abstract

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1 Introduction

1.1 Background Related Work

The challenge of image colourization has been approached in a wide variety of ways. Even within solutions involving deep learning techniques, there numerous unique design choices. One grouping method **?** results in five categories: simple colourization neural networks, user-guided colourization neural networks, diverse colourization neural networks, multi-path colourization neural networks, and examplar-based neural networks.

2 Methodology

2.1 Data Processing

2.2 Architecture

2.3 Baseline Model

3 Ethical Considerations

4 Project Plan

4.1 Team Communication Coordination

5 Risk Register