

# Image Colorization

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## Abstract

*The ABSTRACT is to be in fully-justified italicized text, at the top of the left-hand column, below the author and affiliation information. Use the word “Abstract” as the title, in 12-point Times, boldface type, centered relative to the column, initially capitalized. The abstract is to be in 10-point, single-spaced type. Leave two blank lines after the Abstract, then begin the main text. Abstract should be no longer than 300 words.*

## 1. Introduction

Introduction (10%): describe the problem you are working on, why it's important, and an overview of your results

## 2. Related Work

Related Work (10%): discuss published work or similar apps that relates to your project. How is your approach similar or different from others?

## 3. Dataset

Dataset (15%): describe the data you are working with for your project. What type of data is it? Where did it come from? How much data are you working with? Did you have to do any preprocessing, filtering, etc., and why?

## 4. Method

Method (30%): discuss your approach for solving the problems that you set up in the introduction. Why is your approach the right thing to do? Did you consider alternative approaches? It may be helpful to include figures, diagrams, or tables to describe your method or compare it with others.

## 5. Experiments

Experiments (30%): discuss the experiments that you performed. The exact experiments will vary depending on the project, but you might compare with prior work, perform an ablation study to determine the impact of various

components of your system, experiment with different hyperparameters or architectural choices. You should include graphs, tables, or other figures to illustrate your experimental results.

## 6. Conclusions

Conclusion (5%): summarize your key results; what have you learned? Suggest ideas for future extensions.