Auto colorization Of Images

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Agenda

What we'll discuss today

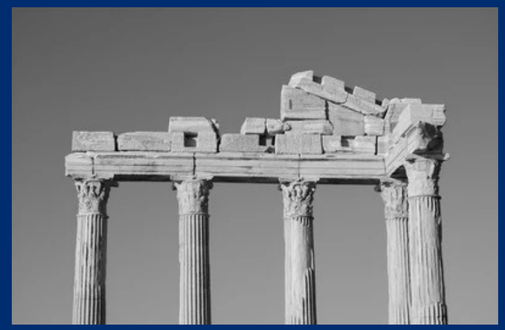
- Introduction
- Summarizing the Project
- Components required
- The reveal
- Future scope

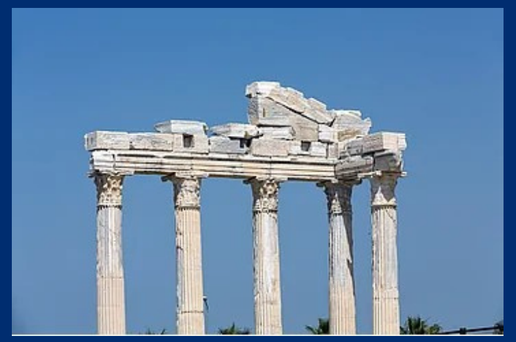
Introduction

Colorization, which is the process of adding colors to grayscale images or monochrome videos, has been an active research field. Conventionally, optimization methods that optimize every pixel based on user inputs or reference images are used as the mainstream for colorization.

Summarizing the project

Using auto colorization we will be able to color any black and white image by uploading the image and the output will be displayed.





Components Required

Google collab

Python

Dataset

Streamlit

The Reveal

app - Streamlit

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Future Scope

- We can segregate the images on the basis of classes like sculptures,paintings,portrait etc so that the model can identify the class of the input and add colors to the pixels accordingly.
- we can increase the model accuracy by training the model with a large dataset.

Thankyou