SINGLE IMAGE HAZE REMOVAL

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* INTRODUCTION

As the name suggests, we want to work on image restoration that has been spoiled due to Haze. We realized that there are many instances in one’s life when a good photo had been ruined due to Haze. With the use of AI, we want to convert this image as it has been taken on a sunny day or moonlit night.

* APPLICATION
  + The model will be useful for people living in foggy areas(where there is less visibility).
  + Much valuable information gets lost in photos due to bad weather, which could be useful for investigation purposes. Our model could help in regaining those crucial points by clearing weather effects.
* FEATURES
  + It will be open to all project, that means no headache of login or sign up.
  + We are planning this project with a very user-friendly interface so the user can get their image (affected by Haze) converted with a simple click of a mouse.

**HOW PROJECT USES WEB TECHNOLOGIES**

When it comes to building a new project, there are numerous languages, technologies and platforms that developers use. Basically, the major use of Web Technologies in this project is for frontend. It is a simple project in which the user needs to upload a single image in any format. So, a single image is taken as input and hazed free image is the output. This layout is done using HTML and CSS.

Different features for user are-

* User can view the complete transformation of hazed image to hazed free image. User just need to click a preview button and all the 4 images presenting the transformation will be shown on the screen.
* User can also download the hazed free image by just clicking ‘Download’ option.