Image Processing

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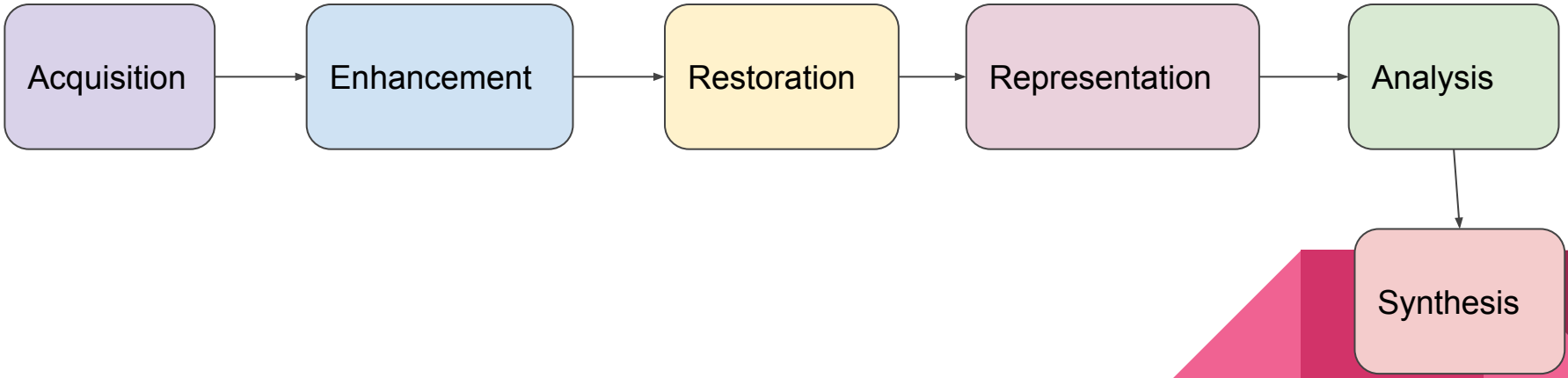
What is Image Processing?

It is the transforming of image into digital form and obtaining useful information from it. The steps to image processing are:



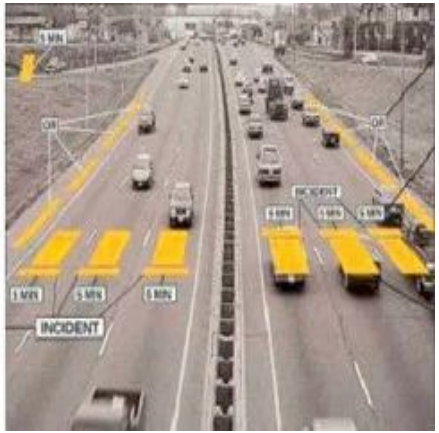
Where is it used?

1.Disaster Management:

- Satellites and Drones can use image processing to capture high resolution real-time videos and photographs.
- Monitoring the progress and ensuring co-ordination during such rescue operations can be made easier with real-time image processing techniques.

Where is it used?

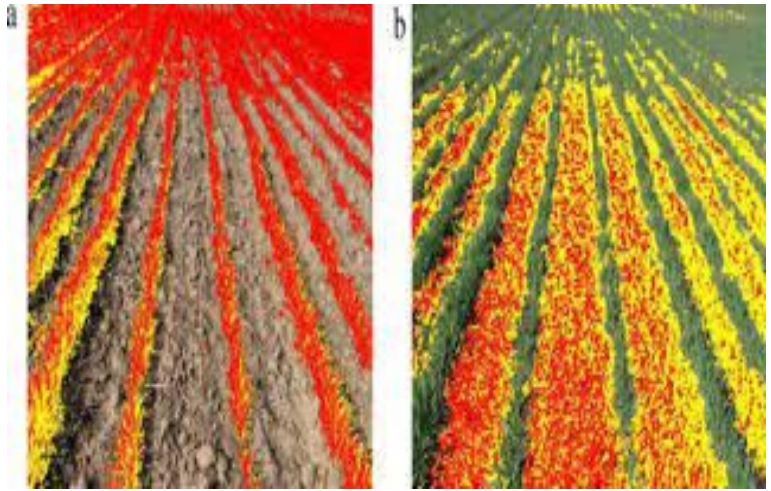
2. Traffic Sensing:



The image processing system has several detection zones which output an “on” signal whenever a vehicle enters the zone, and then output an “off” signal whenever the vehicle exits the detection zone.

Where is it used?

3. Agriculture



Processing of infrared images can act as an additional means to monitor and analyze irrigation. This analysis can then be utilized in pre-harvesting operations for deciding whether to harvest or not.

THANK YOU