**Why do we add noise to an image?**

**Adding noise** to **images** allows you to test the robustness and performance of an algorithm in the presence of known amounts of **noise**

**Which is a type of noise in an image?**

**Image noise** is random variation of brightness or color information in **images**, and is usually an aspect of electronic **noise**

**Add Noise to an image, resources:**

Online Tool:

<https://noise.imageonline.co/>

Add noise to image via Python:

<https://gist.github.com/Prasad9/28f6a2df8e8d463c6ddd040f4f6a028a>

Add noise to an image using GIMP:

<https://www.gimp.org/tutorials/Film_Grain/>