Final Project: Denoising Dirty Docs CS-GY 6643 - Computer Vision - J. Fishbaugh

May 17, 2020 Michael Lally (mfl340)

## Code Instructions and Key Contributions

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## **Source Code:**

Source code for the entire application along with notebooks (.ipynb files) for image processing techniques and neural nets is available at this repository:

https://github.com/gandalf1819/Denoise-docs-CV

## **Key Contributions and Task Breakdown:**

- Kartikeya Shukla (ks5173): Median Filter, Canny Edge Detection (Dilation & Erosion),
  Adaptive thresholding
- Chinmay Wyawahare (cnw282): Autoencoders (CNN), Linear Regression, AWS Deployment/Integration
- Michael Lally (mfl340): Model Validation & Evaluation, Software Engineering (Flask App), Latex report

## **Directory structure on GitHub:**