WEER - // 3) Photo OCR Pepeline 1) = Text detection 2) = Character & Segmentation 3) = Character Classification or Recognition 3 Sliding Window Detection: I the take an image and extract fatches of it. A fatch cowould be of a fixed size for iterating an image once. Then the fatch size is increased and the fatch is iterated over the image. 9 9 5 5 5 9 Dy this method, we can detect different hedastrians of different distances from the cornera which makes them of diff sizes. 5 5 5 The hatch is window is shifted by a small amount of histels (4 or 6 puxels) called the step size or Stride. 5 That remains constant throughout. をかり

Expansion operator > It lakes the white regions and it expands them 3 Artificial Data Synthesis for OCR ) = Laking online fonts and fasting them in a new background 2) = Synthesizing already acquired at data by introducing distortions to increase the dataset. Make sure you have a low bias classifier before expanding the effort. Eg. keep into easing the number of features / number of hiddens units in neural network I until you have a low bias classifier. Ways of As collecting data:
Artificial Data Synthesis

Collect/label it yourself

Frowd Sourcing (Amazon & Mechanical Turk) Slage Step of our fisheline and give each slage that we check the overall accuracy of the system. The difference in accuracy of the stage of the pipeline gives tell us its importance

