Contents ? 1. Parhages - cat is non-cont - train set of intrain images - test set of in test-images - imorge shape: Crum 7x, mm 7x, B) 3 Schownels - Reshage & Fandourdise images into vector & flatter make values O&1 3. Model anchitecture -2 models: 2-layer NN, L-layer NN 31.2-loyer NN - Input: (64,64,3) image floathened to a (17288,1) vector

- [xo, xo, -, xozzet cos) multiplied by W of s.7e (ser) 1288)

- Add bion term & take its relate get Fair, and, and - Multiply resulting yester by WEZI and add bious - Take signopid of verilt; if 50.5, then cat 3.2. L-Conjer VN - Same veitor multiplied by is the linear unt ; repeat many times for Will bee, depending on model owchitestive - Take signified of fral LU; if 50.5, Elen cat 3.3. Geneval methodology - DL methodology: 1. Initialité pavants. / défine phy perpervains. 2. Loop for num iteractions. tor grap c. Backfrof. 3. We trained gorrows to predict label