for i in range(4):
    img = traindata[i]
    img = img.reshape(-1, 32, 32).transpose([1, 2, 0])
    #img = img.reshape(32, 32, 3)
    plt.subplot(2, 2, i+1)
    plt.imshow(img)
Data Unbalanced Problem

• Ideas:
  • Under-sampling: e.g. eliminate majority class examples
  • Over-sampling: e.g. generate additional instances of the fewer class

• Useful links:
  • https://towardsdatascience.com/having-an-imbalanced-dataset-here-is-how-you-can-solve-it-1640568947eb
  • https://shiring.github.io/machine_learning/2017/04/02/unbalanced