

ML/DL Report No.2

- Use your cell-phone to scan the hand-written answers to the following questions of ML/DL: (Do NOT use printed formats, and add your opinions of insight to every answer. Submission due date: May 12)
 - 1) What are differences between training dataset and test dataset and how do you manage the ratios between them? Explain.
 - 2) What are transposed convolutions and their functional mechanism? Which applications do transposed convolutions apply to? Explain.
 - 3) Why the vanishing gradient problem is so important? Are there solutions and how? Explain.
 - 4) How can you avoid over-fitting? Show some examples.