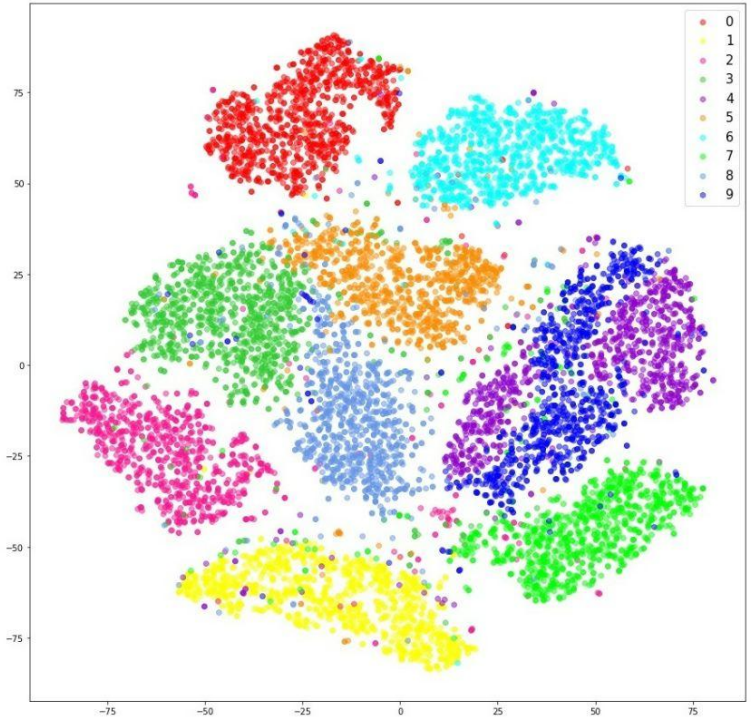
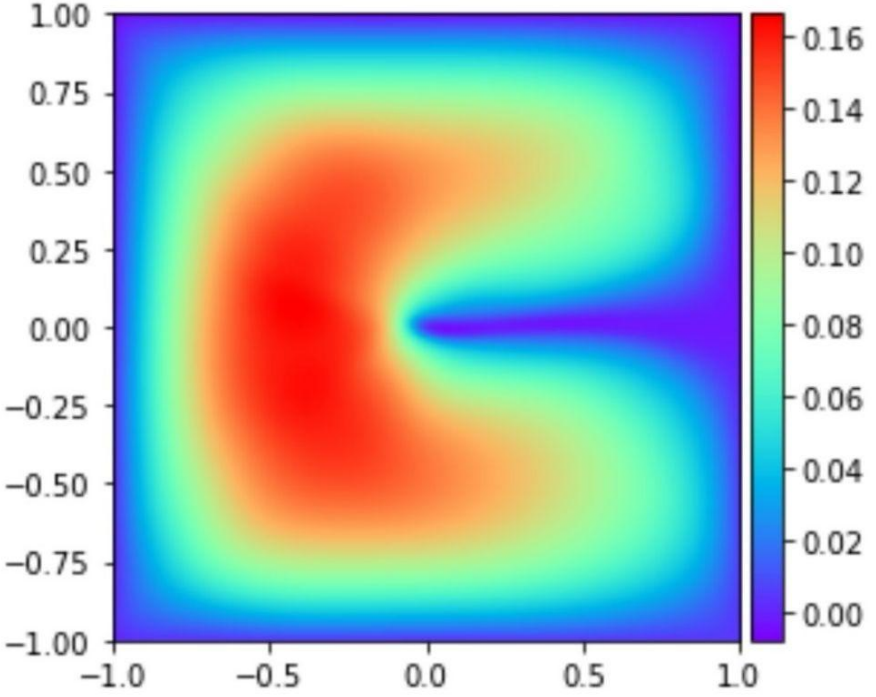
A Taste of Deep Learning through Python

Summer 2022

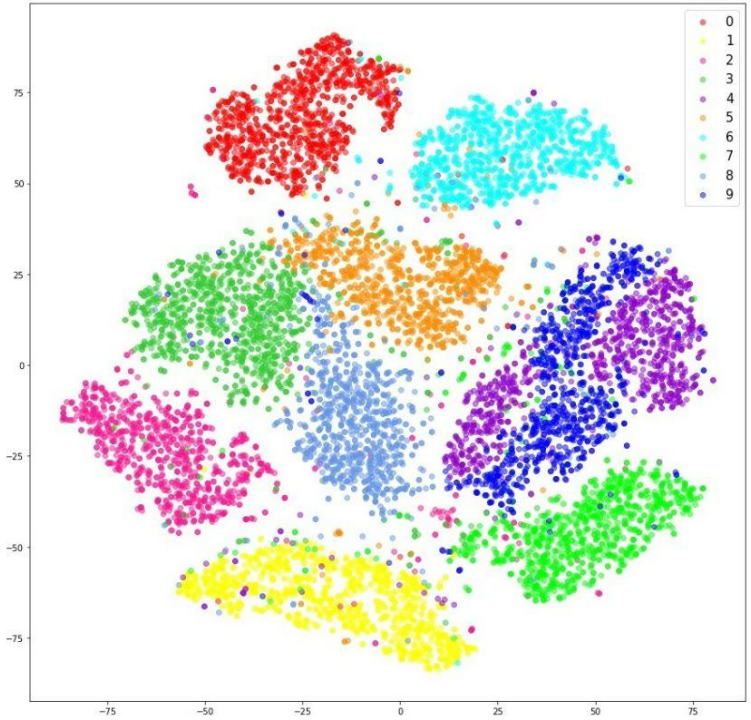
Hanlun Artificial Intelligence Limited

Any relation between the two problems?

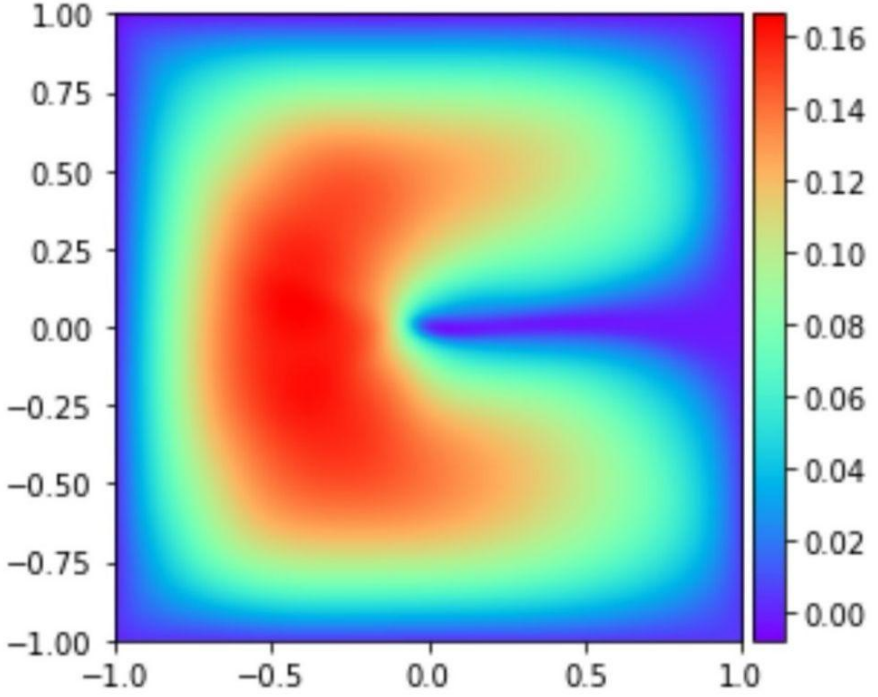




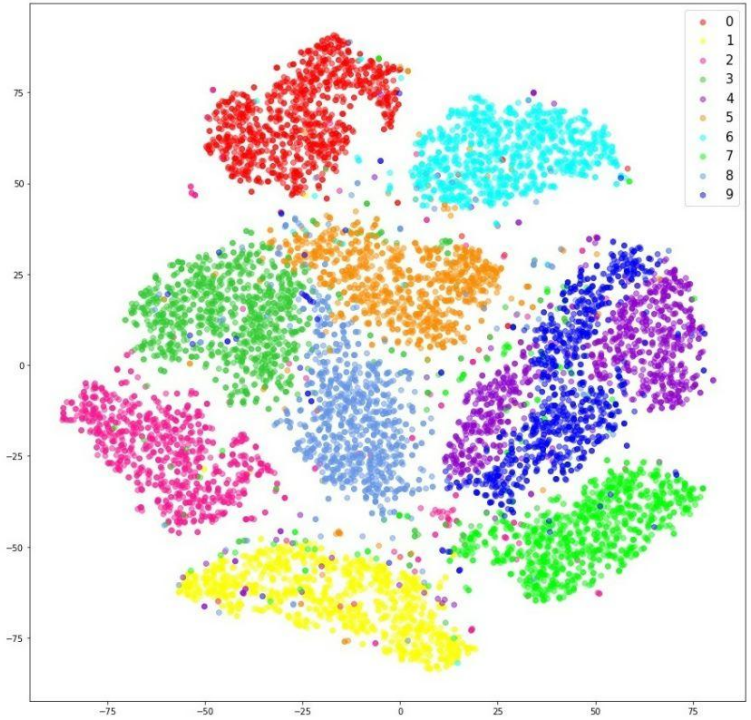
Classification Problem For Handwritings

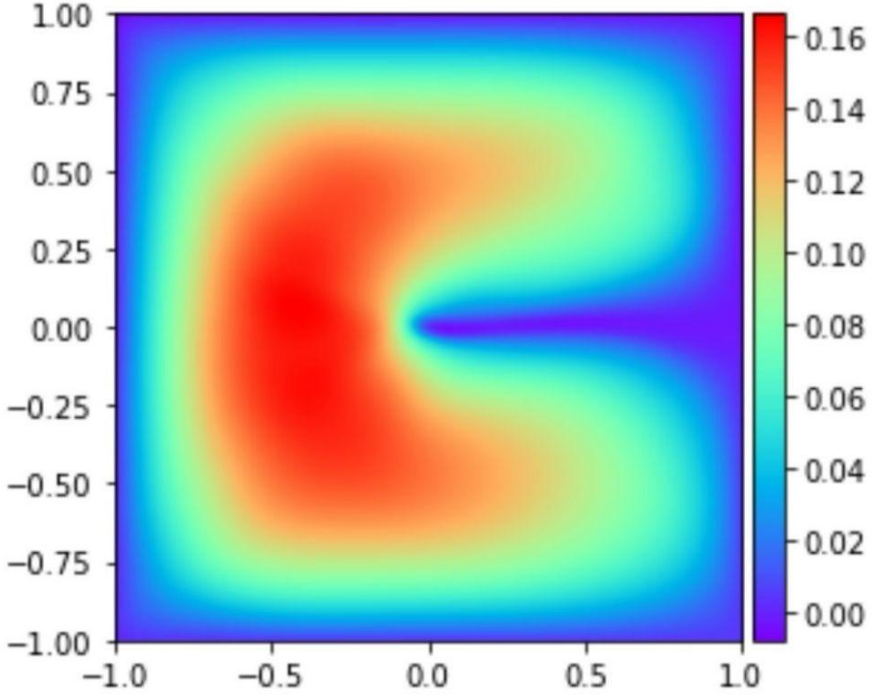


Boundary Value Problem On Physical System



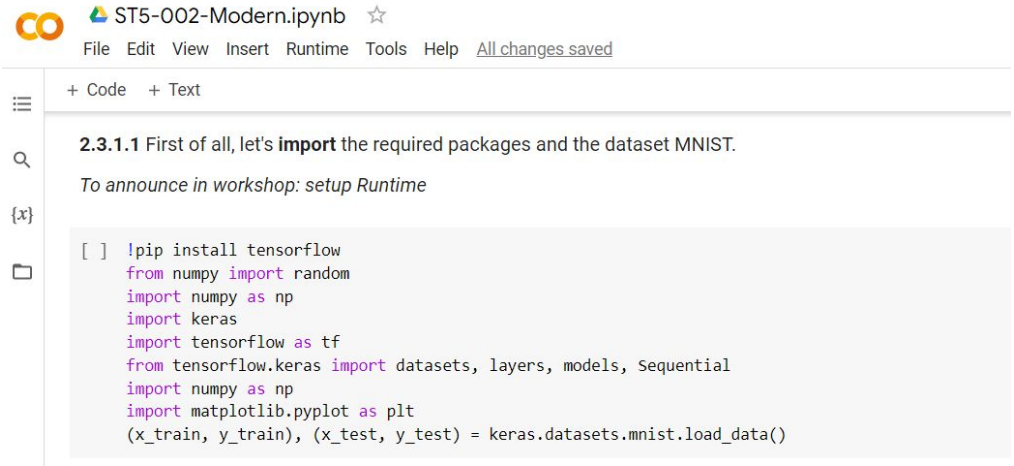
Yes, there are some colorings on both sides





What's more...
Both problems can be tackled numerically in the "Deep Learning" approach with Python Package like TensorFlow/PyTorch

What to expect
In the end of the workshop



(Well, we may demonstrate how to tackle the two problems with the deeping learning approach after a brief introduction on linear regression, composition of functions and optimization)

Begin to see some some deep learning codes with Python