Reproducing the results in **Table 2** of paper: **Revisiting Deep Learning Models for Tabular Data**.

表格

描述已自动生成

The code is available on GitHub repository **tabular-dl-revisiting-models:**

<https://github.com/Yura52/tabular-dl-revisiting-models>

To reproduce these results, you may focus on:

1. Read the paper, and learn the mechanism. To start with, you may focus on the MLP model, which is simple, then FT-T and ResNet. If you are unfamiliar with these models, finding some intuitive instructions on youtube, medium, etc., is recommended. Useful keywords could be (or similar to): Transformer, Attention Mechanism, Resnet.
2. Prepare the data used in the experiments. The repository provides the URL of the data:

电脑萤幕的截图

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1. Construct and train these models, and test their performance. The repository contains a tutorial on the MLP implementation, it is a good indicator of the programming logic of the whole framework. You may read and learn the related code. The code of the models are in **bin**,

电脑的屏幕截图

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You may also find other helpful code in **bin** and **lib** during the reproducing**. Since we will modify these models in our research, learning the details of these codes (by code reading) is essential, not just running them.**

**Aim:**

**First step: reproduce the results of MLP, FT-T on all these datasets.**

**Further: reproduce the results of other models.**