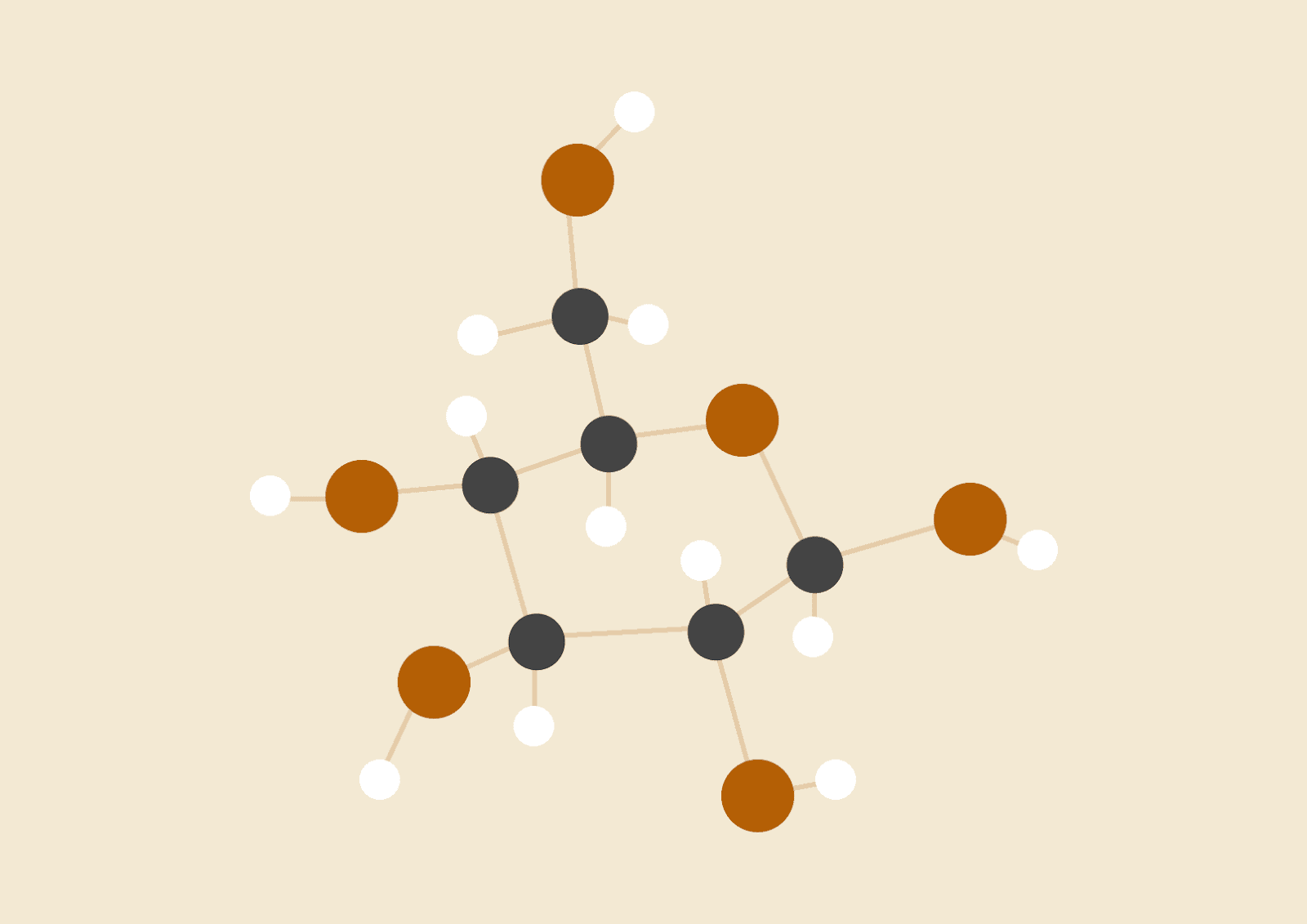
REPORT



**Weiliang Xia**

04.21.2019

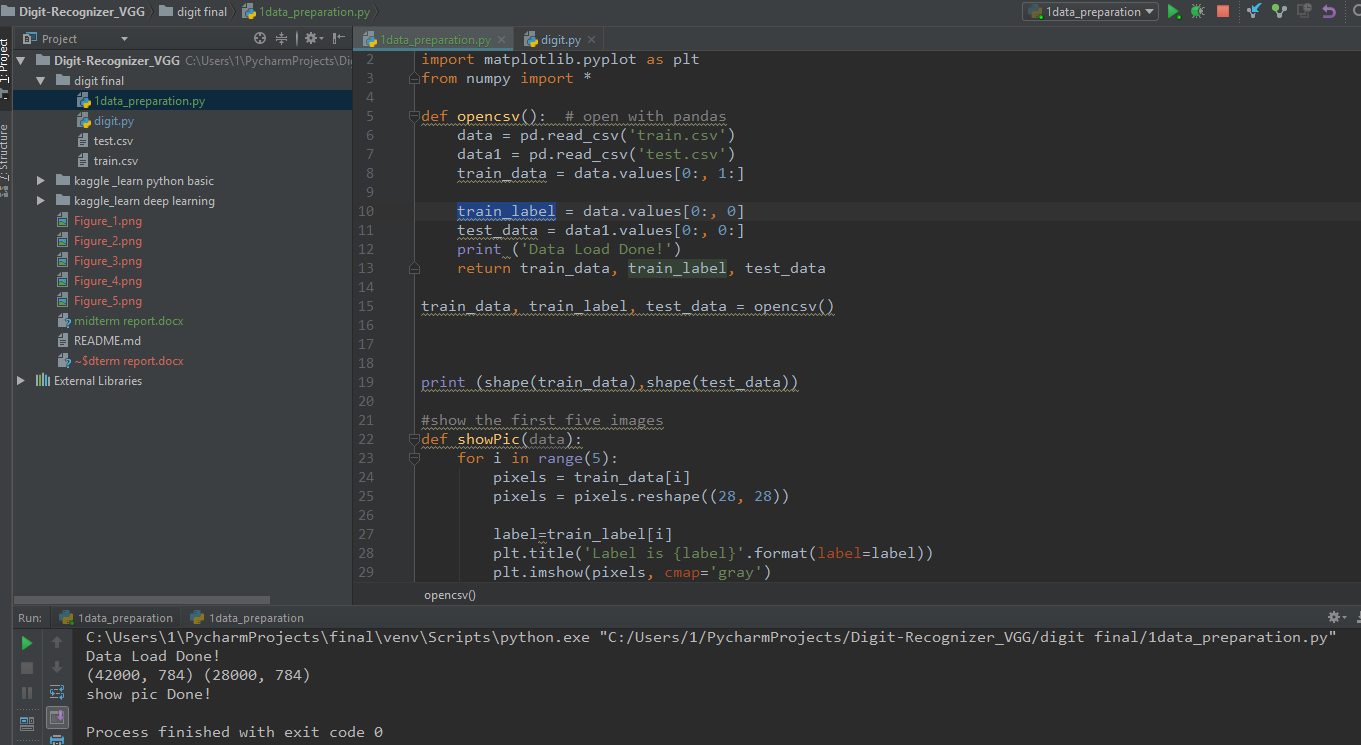
INTRODUCTION

Kaggle competition: Digit Recognizer

Implementation

1. data preparation

pandas to processing csv



train data: (42000, 784)

42000 examples, each example has 784 pixels(28\*28)

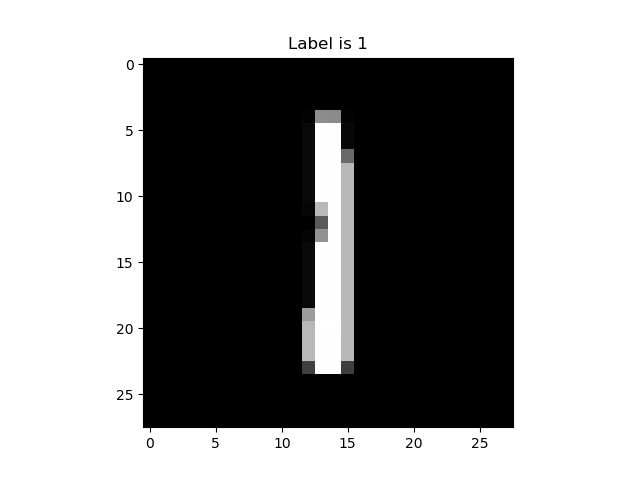
train label:(42000,1)

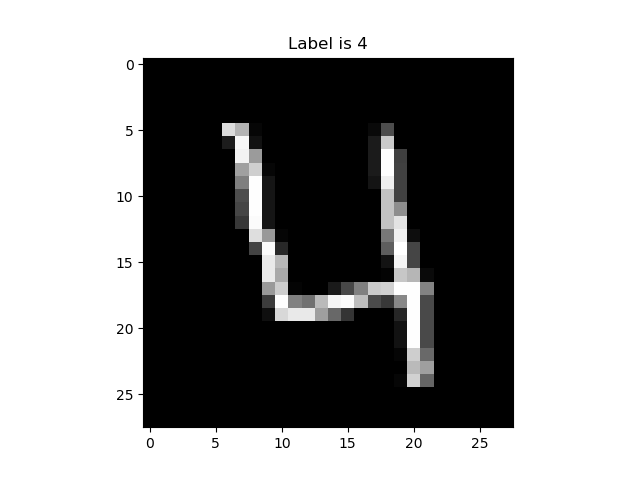
pre-labeled train data from 0-9,42000 examples

testing data :(28000, 784)

28000 examples, each example has 784 pixels(28\*28)

pyplot to visualize the raw data





RESULTS

CONCLUSION

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