

Project report 1

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- **What programming language/platform/library/packages do you intend to use for the project?**

Language: Python 3.6 Platform: Windows 10

Library/Packages: Tensorflow, Keras, Pandas, Numpy, Matplotlib...

(If Keras was not allowed, I could also work on Tensorflow.)

- **How do you intend to procure the data?**

The dataset is well known and wide used, therefore it could be obtained from keras.datasets by using:

From keras.datasets import MNIST

If there are some other datasets that I would probably need, Kaggle would be an excellent place to obtain them. If Kaggle is not enough, I will look up those data on the website of some large organizations, they usually have the most detailed and up to date dataset.

- **What computational resources will you use (your own laptop/dept machine/something in the cloud)?**

I would use my computer with GPU and probably the Google colab, it has some free GPUs and TPUs, and I think those would be enough for the MNIST dataset.