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Agenda - @11/04/2022

Chair: Kelvin, Ting

Secretary: a1805827, Kelin "Colin" Zhu

Members:

- a1829445, Kelvin, Ting

- a1808891, Pham Gia "Alan" Nghi

- a1805827, Kelin "Colin" Zhu

Time and Place

Meeting on Zoom with Thomas and in-person between several team members on the 11th of April, 2022

Purpose

- Showed Thomas the modified and updated data generator and the datasets.

```
getAppearances("The bread dough reminded her of Santa Clause's belly. \
A woman described as black, is wearing a tanktop with the color violet, \
red skirt and red slippers, that has light kinky hair. \
There can never be too many cherries on an ice cream sundae. \
She is wearing a pair of glasses. \
Jason didn't understand why his parents wouldn't let him sell his little sister at the garage sale.")

race black
gender female
hair_style kinky
hair_color light
hair_len NA
top tanktop
top_color violet
bottom skirt
bottom_color red
footwear slippers
footwear_color red
accessory glasses
accessory_color white
```

- The first try of the trained Machine learning module, and the accuracy is not very well.

```
29    loss: 0.871029 ) [    0/ 5000]
30    loss: 0.869930 ) [  640/ 5000]
31    loss: 0.870417 ) [ 1280/ 5000]
32    loss: 0.870859 ) [ 1920/ 5000]
33    loss: 0.848622 ) [ 2560/ 5000]
34    loss: 0.865972 ) [ 3200/ 5000]
35    loss: 0.869011 ) [ 3840/ 5000]
36    500
37    Val Error:
38     Accuracy: 12.7%, Val Avg loss: 0.858660
39
40    Epoch 4
41    -------------------------------
42    loss: 0.855993 ) [    0/ 5000]
43    loss: 0.867105 ) [  640/ 5000]
44    loss: 0.861013 ) [ 1280/ 5000]
45    loss: 0.862409 ) [ 1920/ 5000]
46    loss: 0.828685 ) [ 2560/ 5000]
47    loss: 0.846789 ) [ 3200/ 5000]
48    loss: 0.838866 ) [ 3840/ 5000]
49    500
50    Val Error:
51     Accuracy: 17.2%, Val Avg loss: 0.837311
52
53    Epoch 5
54    -------------------------------
55    loss: 0.836270 ) [    0/ 5000]
56    loss: 0.836231 ) [  640/ 5000]
57    loss: 0.836904 ) [ 1280/ 5000]
58    loss: 0.838973 ) [ 1920/ 5000]
59    loss: 0.810133 ) [ 2560/ 5000]
60    loss: 0.836649 ) [ 3200/ 5000]
61    loss: 0.821626 ) [ 3840/ 5000]
62    500
63    Val Error:
64     Accuracy: 20.5%, Val Avg loss: 0.817273
65
66    Epoch 6
67    -------------------------------
68    loss: 0.807900 ) [    0/ 5000]
69    loss: 0.819489 ) [  640/ 5000]
70    loss: 0.821401 ) [ 1280/ 5000]
71    loss: 0.819674 ) [ 1920/ 5000]
72    loss: 0.799709 ) [ 2560/ 5000]
73    loss: 0.812619 ) [ 3200/ 5000]
74    loss: 0.811881 ) [ 3840/ 5000]
75    500
76    Val Error:
77     Accuracy: 22.4%, Val Avg loss: 0.803440
78
79    Epoch 7
80    -------------------------------
81    loss: 0.803429 ) [    0/ 5000]
82    loss: 0.811878 ) [  640/ 5000]
83    loss: 0.806699 ) [ 1280/ 5000]
84    loss: 0.808958 ) [ 1920/ 5000]
85    loss: 0.787589 ) [ 2560/ 5000]
```