

Part Three: *report predictions*

I could not complete part three because I was getting a segmentation error when running ./a.out train.dat and I could not figure out how to fix it, no matter how much I tried.

```
cbmaynard24@th121-13:~/lbp/life/ASSIGNMENT_11$ ./a.out train.dat
loaded 20 examples
Segmentation fault (core dumped)
```

There was probably one small bug that I could not find. However, I am fairly confident in my implementation of the abstract data type and truly tried my hardest even though ultimately I could not get it to execute.

Part Four: *categorize each and every operation in the interface as either a constructor function, access function, or manipulation procedure*

new_Data: constructor function

new_Model: constructor function

fit_model: manipulation procedure

run_scoring_engine: manipulation procedure *

sgd: manipulation procedure

predict: access function