

- PeekyReader class
 - Used to iterate through csv files
 - If variable “peeked” is ‘None’, reader goes to the next row of data. Else, reader returns the element it is on and sets “peeked” to ‘None’.
- Person class
 - Holds a row from dataset
 - __init__ populates __rows array which holds all of the attribute values for that given person
 - lifetime property is the end column - the start column
 - Not sure yet what those columns represent
 - recidivist property returns true if their “is_recid” variable equals 1 and lifetime property is less than or equal to 730
 - violent_recidivist property returns true if their “is_violent_recid” variable equals 1 and lifetime property is less than or equal to 730
 - low property returns true if score is “Low”
 - high property returns the opposite of low property
 - low_med property returns true if low is true or if the score is “Medium”
 - true_high property returns true if score is “High”
 - Different than high property because high property returns true on “Medium”
 - vlow, vhigh, vlow_med, and vtrue_high do the same as before but with “v_score_text” instead of “score_text” as the variable
 - score property returns “score_text”

- vscore property returns “v_score_text”
- race property returns person’s race
- valid property returns true if ‘is_recid’, recidivist property, and lifetime property do not break any constraints with each other
- compas_felony property returns whether the original crime was a felony
- score_valid property returns whether the score is either “Low”, “Medium”, or “High”
 - vscore_valid does the same thing but with vscore
- rows property prints out the person’s attributes
- t function is used in ‘table’ function.
 - Neatly prints out statistics on how good the recidivism predictor is
- table function gets the low and high values for ‘surv’ and ‘recid’ using ‘low’ and ‘high’
- hightable gets the low and high values for ‘surv’ and ‘recid’ using ‘low_med’ and ‘true_high’
 - vtable and vhightable do the same things as above but with v_score instead of score
- is_race takes in a parameter ‘race’ and returns true if person’s race matches the given one
- write_two_year_file method writes to two_year_recid file a list called ‘pop’ that has person data
- create_two_year_file method creates a csv file and writes to it
 - Uses validation methods from before