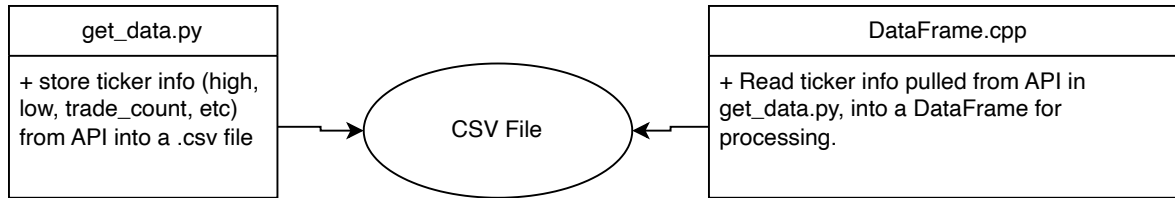


Get and Process Data

Get Data



Process Data

DataFrame.cpp

normalize

- takes min and max in col
- apply normalization equation to values

process

- calls normalize on column data

price to predict

- reads col for price to predict on given date

extractColAsDoubleVec

- extracts a column from DF then puts it in a vector of doubles

apply condition

- converts string to double assigns 1.0, 0.0 or keeps default NaN. Add new binary col for DF

rolling mean

- + gets the average value for a set of rows, it moves through the entire DF

save to csv

- + The new DataFrame is created from the data processing functions above, the new DF is saved into a new CSV

rolling std

- + gets stdev for a set of rows it moves through the entire DF

DataFrame.h (excl print, removing, add)

- + normalize_col(col Index) : void
- + process_data() : void
- + price_to_predict(): string
- + extractColAsDoubleVec() : vector<double>
- + apply_condition : void
- + save_to_csv() : void
- + rolling_mean() : vec<opt<double>>
- + rolling_std() : vec<opt<double>>