race hourt psych1 blood bloodchem1 bloodchem2 temperature sex bloodchems potenth meals pain primary psych4 disability administratorcost sleep doc bloodchem3 confidence bloodchem4 comorbality total cost breathing bo psych 3 urine diabetes income extraprimery bloodchemb education psyches psyche internation conver death

Any missing values, values with incorrect data types, values that are zero when they shouldn't be, outlier datavalues, etc. need to be either (enoued (not pressed) or interpolated (Preferred) so the data is more reliable.

We plan to take the median value to replace NULL / empty / zero values (that should n't be zero) rather that the mean as the median provides a more accurate "company value because the mean is more susceptible to outliers.

There are some outliers in the data that yield on unlealistic sconorio in which a patient lives/dies, i.e. a 200 yr. old patient living. This data will be labled extraneous and thus, ignored, We may also replace these values with an interpolated value for that set depending on. after testing, which yields a higher accuracy.

After the Data Sot is (mostly) cleaned up, then, using recursive feature Elimination in the skillearn Library, we can run on algorithm ranking the most influential data sets (traits) that effect the deaths of the patients (increasing the occurry). Through trial is Error, we try vorious combinations of the top 'n' number traits that we ranked above. By preprocessing and than training the Horas Sequential model on the best combination of traits to produce the higher accuracy and more consistent results.

Cal and Ellor Results

Before: 68.4%

Age: 69.7%. Blood: 52.3%

Reflex: 66.1%

Blood Chen 1: 68.0%

Boodchen 2: 67.2%

Psych 1: 68.19.

Glucose: 66%

time known
Cost
blood chen's
totalost
poleath
adminitator cat
info
Bosch