Run program – supply correct file to program and run.

(todo – build this entry in console)

Sort data by y for a nice consistent line.

the machine learned equation is:

y = 2 + 3x + 4z. happy linear predicting!

// build y2 prediction vector to map against actual values.

y2 = 2 + 3.\*o1 + 4.\*o2

after building this we add a column to data spreadsheet and sort by it instead, then delete it – to find a nice linear regression line

then load into matlab – creates nicer graph without jumps

Import data, then:

i.e. named sorted.csv

load sorted.csv

y = sorted(:, end)

data = sorted(:, 1:2)

// build vectors of each column to then build prediction vector based on linear eq

// that we generated.

o1 = data(:,1)

o2 = data(:,2)

// build y2 prediction vector to map against actual values.

y2 = 2 + 3.\*o1 + 4.\*o2

// generate x vector for each item in set. (each row)

// and transpose

//Ending value based on length of items in matrix

x = [1:121]'

plot (x, data, 'x')

hold on

// create vectors for x and z from data set.

y – will be actual points

plot (x,y, 'ko', 'lineWidth', 1)

plot (x,y2, 'c', 'lineWidth', 3)

the y1 will remain a line.

plot (x,y2)

// erroneous entries.

y = 1 + 3x + 4z

* Built plot to show based on temperature and wind speed of the day, the number of bikes that would be rented in a given.