Week3 8/18/2020

KDD process: original data ----- Selection ---> target data ----- Preprocessing ---> preprocessed data ----- Transformation ---> transformed data ----- Data Mining ---> patterns ----- Interpretation ---> knowledge

Numpy:

np.dot equal to matrix \*

np.multiple \* equal to matrix .\* multiple by elements

np.array() list to np array

np.mat() array to matrix

#correlations among variables

np.corroef()

#set axis border

plt.axis([1, 2, 0, 2])

fig = plt.figure(figsize=(12, 4))

#one row two column first plot

ax1 = fig.add\_subplot(1, 2, 1)