

FORMULA ASSIGNMENT

`mean_user_rating[:,np.newaxis]+similarity.dot(ratings_diff)/np.array([np.abs(similarity).sum(axis=1)])T.`

np.array()-A numpy array is a grid of values, all of the same type, and is indexed by a tuple of nonnegative integers.

Dot()-The dot() method multiplies each value from one Data Frame with the values from another Data Frame (or Series or array), and adds them together.

np.newaxis-newaxis uses the slicing operator to recreate the array while numpy.

np.abs()-Python NumPy absolute() function is used to return the element-wise absolute values of the input array.