

# [Machine learning course (uw) python stuff](https://assignbuster.com/machine-learning-course-uw-python-stuff/)

import graphlabWhat is the import statement for the cool framework for visualization? dataSet= graphlab. SFrame('nameoffile. csv')How do you import a csv? ONMACHINE LEARNING COURSE (UW) PYTHON STUFF SPECIFICALLY FOR YOUFOR ONLY$13. 90/PAGEOrder NowsFrame. show()How do you visual a SFrame? graphlab. canvas. set\_target('ipynb')How do you get visualizations to show up inline in iPython? view(='Scatter plot'), x, y variablesWhat do you need for a SFrame visualization? sales. show(view=" Scatter Plot", x=" sqft\_living", y=" price")How do you make a scatterplot with a SFrame of sales for the values of price vs. squareFeet? column namesIn a SFrame scatter plot show function, do you need quotations for the column names, the variable names, both or neither? train\_data, test\_data = sales. random\_split(. 8, seed= 0)How do you split up a training test set? training data, target='nameoffieldforYaxis', featuresList, validation\_set(= None)What do you need for a regression? sqft\_model = graphlab. linear\_regression. create(train\_data, target='price', features=['sqft\_living'], validation\_set= None)How would you write a regression? evaluate print sqft\_model. evaluate(test\_data)How do you have Python check your model? print sqft\_model. evaluate(test\_data)How do you get it to check the mean? sqft\_model. get('coefficients')How do you get the values of the model? sqft\_model. get('coefficients')How do you make a box whiskers plot? print my\_features\_model. predict(features)How do you make your model predict? How do you get a dictionary of word counts? products['word\_count'] = graphlab. text\_analytics. count\_words(products['review'])How do you show a categorical view? giraffe\_reviews['rating']. show(view='Categorical')How do you create a sentiment classifier? sentiment\_model = graphlab. logistic\_classifier. create(train\_data,   
target='sentiment',   
features=['word\_count'],   
validation\_set= test\_data)How do show the text for a ROC curve? sentiment\_model. evaluate(test\_data, metric='roc\_curve')How do you view a ROC curve for a sentiment model? sentiment\_model. evaluate(test\_data, metric='roc\_curve')   
sentiment\_model. show(view='Evaluation')What is accuracyTP + TF/TotalHow do you view the prediction probability? giraffe\_reviews['predicted\_sentiment'] = sentiment\_model. predict(giraffe\_reviews, output\_type='probability')What are the parameters for sort()? column name, ascending= True or FalseHow do you show coefficients for a model? model\_name[" coefficients"] after runningHow do you evaluate a model? model\_name. evaluate(test\_data)How do you compute nearest neighbor? knn\_model = graphlab. nearest\_neighbors. create(people, features=['tfidf'], label='name')How do you compute distance (similarity really)? graphlab. distances. cosine(obama['tfidf'][0], clinton['tfidf'][0])How do you compute tdf? tfidf = graphlab. text\_analytics. tf\_idf(people['word\_count'])How do you create a table from tfidf info? obama[['tfidf']]. stack('tfidf', new\_column\_name=['word','tfidf']). sort('tfidf', ascending= False)How do get nearest people in nearest neighbor? knn\_model. query(jolie)Recommender system recall is#liked and #shown /(over) #likedRecommender system precision is#liked and #shown/#shown