The Engineering World #DataScience 26

May 31, 2018

AKKAL BAHADUR BIST
DATA SCIENTIST AT
KATHMANDU INSTITUTE OF APPLIED SCIENCES (KIAS)
Center for Conservation Biology (CCB)

1 K-NEAREST NEIGHBOR CLASSIFICATION

```
In [ ]: import numpy as np
        import pandas as pd
        import matplotlib.pyplot as plt
        from pylab import rcParams
        import scipy
        import urllib
        import sklearn
        from sklearn.neighbors import KNeighborsClassifier
        from sklearn import neighbors
        from sklearn import preprocessing
        from sklearn.cross_validation import train_test_split
        from sklearn import metrics
In [ ]: np.set_printoptions(precision=4, suppress=True)
        %matplotlib inline
        rcParams['figure.figsize'] = 7, 4
        plt.style.use('seaborn-whitegrid')
```

1.0.1 Setting your data into test and traines datasets

1.0.2 Building and training your model with training data

1.0.3 Evoluting your model's prodiction against the test dataset