Becoming A Data Scientist T-shirt

My Submission

I used Python with a touch of numpy and scikit-learn as my inspiration. Here's the design:

```
matrix_to_string(confusion_matrix)

['B' 'a']
['D' 'S']

generate_name(confusion_matrix, partial_name)

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```

Figure 1: Front

```
#Model Evaluation

from sklearn.metrics import confusion_matrix as cm
confusion_matrix = cm(y_true, y_pred)
confusion_matrix

array([[66, 97],
       [68, 83]])

#Display

def matrix_to_string(matrix, flag = 1):
    mat_str = [[chr(num) for num in row] for row in confusion_matrix]
    if flag == 1:
        for row in mat_str:
            print(row)
    return mat_str

def generate_name(cmat_str, partial_name):
    name_tuple = zip(sum(matrix_to_string(cmat_str, flag = 0), []), logo)
    name = [i+j for (i,j) in name_tuple]
    for word in name:
        print(word)
    return None

partial_name = ['ecoming', '', 'ata', 'cientist']
```
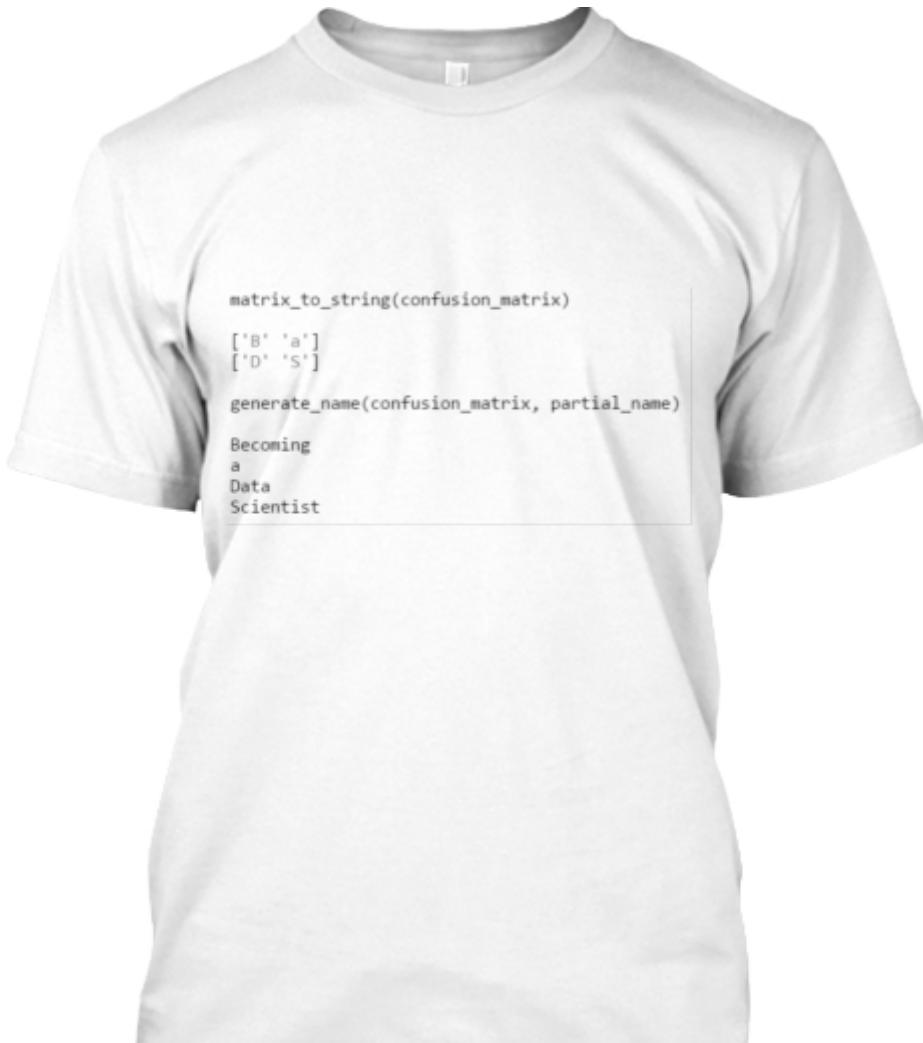
Figure 2: Back

And how it would appear on a shirt:

1

```
matrix_to_string(confusion_matrix)

['B' 'a']
['D' 'S']

generate_name(confusion_matrix, partial_name)

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```

Figure 3: Front

```
#Model Evaluation

from sklearn.metrics import confusion_matrix as cm
confusion_matrix = cm(y_true, y_pred)
confusion_matrix

array([[66, 97],
       [60, 83]])

#Display

def matrix_to_string(matrix, flag = 1):
    mat_str = [[chr(num) for num in row] for row in confusion_matrix]
    if flag == 1:
        for row in mat_str:
            print(row)
    return mat_str

def generate_name(cmat_str, partial_name):
    name_tuple = zip(sum(matrix_to_string(cmat_str, flag = 0), []), logo)
    name = [i+j for (i,j) in name_tuple]
    for word in name:
        print(word)
    return None

partial_name = ['ecoming', '', 'ata', 'cientist']
```

Figure 4: Back