

Your work:

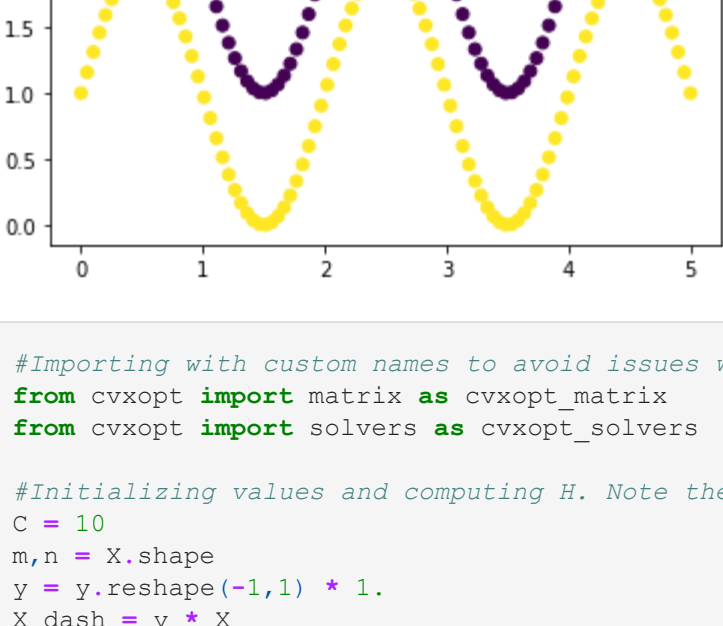
- Plot the data using a scatter plot
- Perform the SVM classification using our scratch code

```
import matplotlib.pyplot as plt

data = np.array(dataset)

X = data[:, :2]
y = data[:, 2]

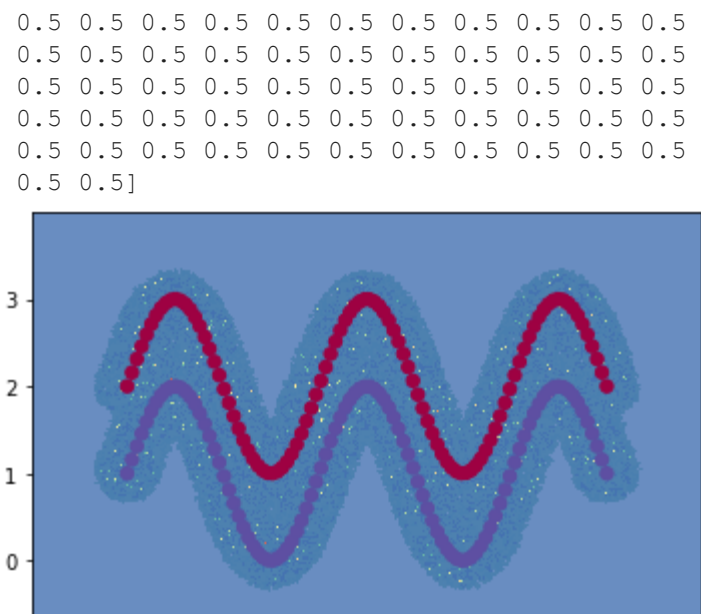
In [15]: plt.scatter(X[:, 0], X[:, 1], c=y, marker='o')
plt.show()
```

[illegible][illegible]

```
10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.
w = [2.45403203e-26 3.14744154e-26]
b = [-1.23556224e-25]
```

```
from sklearn.svm import SVC
```

```
clf.fit(X, y.ravel())
```

[illegible]

-1      0      1      2      3      4      5

```
prin
```