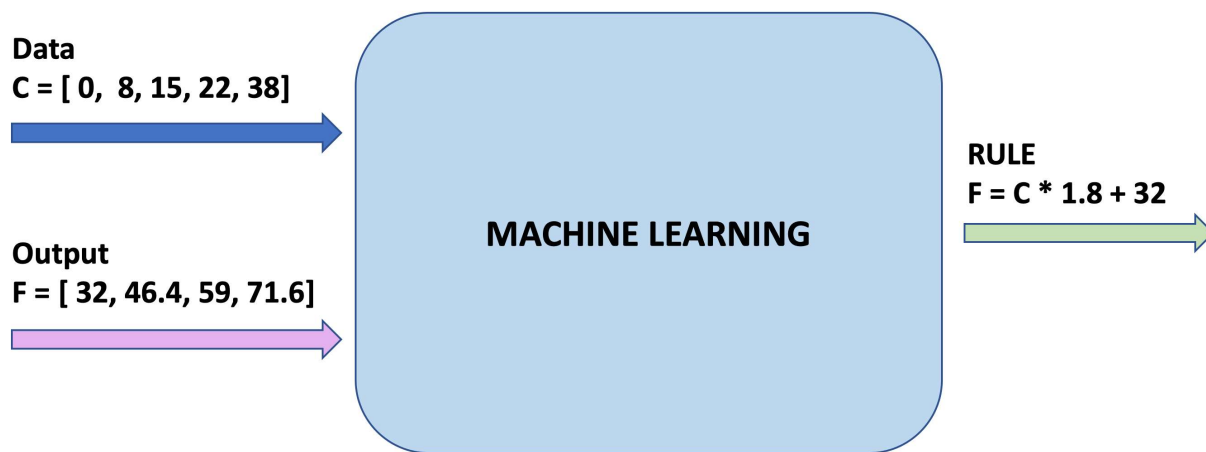




## Recap

Congratulations! You just trained your first machine learning model. We saw that by training the model with input data and the corresponding output, the model learned to multiply the input by 1.8 and then add 32 to get the correct result.



This was really impressive considering that we only needed a few lines code:

```
l0 = tf.keras.layers.Dense(units=1, input_shape=[1])
model = tf.keras.Sequential([l0])
model.compile(loss='mean_squared_error', optimizer=tf.keras.optimi
history = model.fit(celsius_q, fahrenheit_a, epochs=500, verbose=F
model.predict([100.0])
```

This example is the general plan for of any machine learning program. You will use the same structure to create and train your neural network, and use it to make predictions.