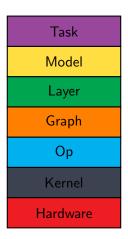
```
>>> c++ deep-learning.cpp
>>> ./a.out data.csv
>>> 42
```

## Strategy



**OSI Model of Machine Learning** 

## Task Layer

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f(文内容 $) = \stackrel{\circ}{\overset{\circ}{\circ}} \stackrel{\circ}{\overset{\circ}{\circ}} \stackrel{\circ}{\overset{\circ}{\circ}}$ 

Classification\*

Translation\*

$$f\left(\begin{array}{c} \bullet & \bullet \\ \bullet & \bullet \end{array}\right) =$$

## Generative<sup>†</sup>

- \* Supervised
- † Unsupervised