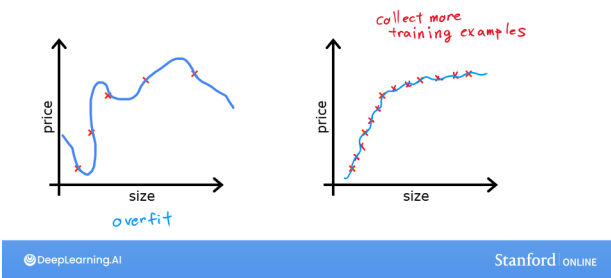
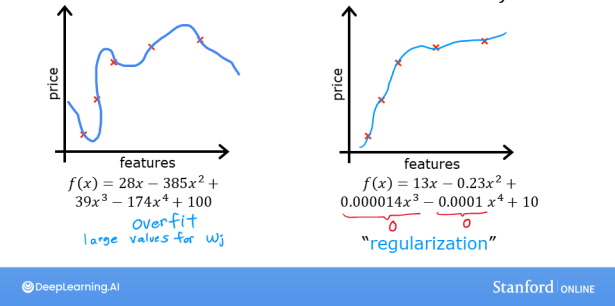


Ungraded Lab: Overfitting

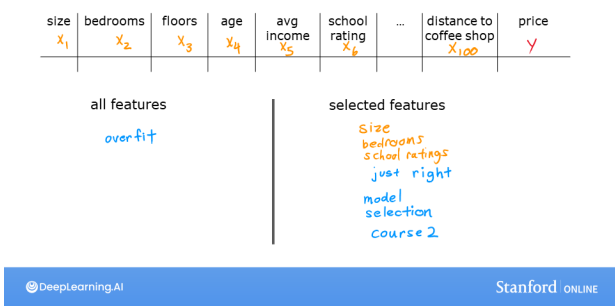
Collect more Training Data



Reduce the size of parameters w_j, b



Select Features to Include/Exclude



Goals

In this lab, you will explore:

- the situations where overfitting can occur
- some of the solutions

```
In [ ]: %matplotlib widget
import matplotlib.pyplot as plt
from ipywidgets import Output
from plt_overfit import overfit_example, output
plt.style.use('./deeplearning.mplstyle')
```

Overfitting

The week's lecture described situations where overfitting can arise. Run the cell below to generate a plot that will allow you to explore overfitting. There are further instructions below the cell.