

## 4.3.4 Practice Using Jupyter Notebook

**Now** that you're familiar with Jupyter Notebook, Maria would like you to get hands-on experience writing Pythonic code in the Jupyter environment. She has provided a short tutorial as well as sample data so that you can practice. This way, you'll be up-and-running when she gives you the real dataset.

In order to write code, you'll need to create a new Jupyter Notebook file. If you're on a Mac computer, navigate to the `School_District_Analysis` folder from the command line and activate the `PythonData` environment. If you're on a Windows computer, launch the Anaconda Prompt for the `PythonData` environment and navigate to the `School_District_Analysis` folder.

From there, launch your Jupyter Notebook and create a new file named `pandas_practice.ipynb`, using your `PythonData` environment.

In the first cell, add the following list of high schools that Maria shared with us over email and run the cell.

```
# List of high schools
high_schools = ["Hernandez High School", "Figueroa High School",
```

```
"Wilson High School", "Wright High School"]
```

## SKILL DRILL

Iterate through the list of high schools and print out each high school, as shown in the following image.

```
Hernandez High School  
Figueroa High School  
Wilson High School  
Wright High School
```

To print out each high school using a `for` loop, use the following code:

```
for school in high_schools:  
    print(school)
```

Maria has shared a list of dictionaries containing a high school and the type of high school: district or charter. Copy the code, enter it in a new cell, and then run the cell.

```
# A dictionary of high schools and the type of school.  
high_school_types = [{"High School": "Griffin", "Type": "District"},  
                     {"High School": "Figueroa", "Type": "District"},
```

```
{"High School": "Wilson", "Type": "Charter"},  
{"High School": "Wright", "Type": "Charter"}]
```

## SKILL DRILL

Iterate through the list of dictionaries and print out each high school and their types, as shown in the following image.

```
{'High School': 'Griffin', 'Type': 'District'}  
{'High School': 'Figueroa', 'Type': 'District'}  
{'High School': 'Wilson', 'Type': 'Charter'}  
{'High School': 'Wright', 'Type': 'Charter'}
```

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