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Save a dictionary to a file

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Given a **dictionary** such as:

```
dict = {'Python' : '.py', 'C++' : '.cpp', 'Java' : '.java'}
```

We can save it to one of these formats:

- Comma seperated value file (.csv)
- Json file (.json)
- Text file (.txt)
- Pickle file (.pkl)

You could also write to a [SQLite database](#).

Related Course:

- [Python Crash Course: Master Python Programming](#)

save dictionary as csv file

we can write it to a file with the csv module.

```
import csv

dict = {'Python' : '.py', 'C++' : '.cpp', 'Java' : '.java'}
```

```
w = csv.writer(open("output.csv", "w"))
for key, val in dict.items():
    w.writerow([key, val])
```

	A	B	C
1	Python	.py	
2	Java	.java	
3	C++	.cpp	
4			

The dictionary file (csv) can be opened in Google Docs or Excel

save dictionary to json file

If you want to save a dictionary to a [json](#) file

```
import json

dict = {'Python' : '.py', 'C++' : '.cpp', 'Java' : '.java'}

json = json.dumps(dict)
f = open("dict.json","w")
f.write(json)
f.close()
```

save dictionary to text file (raw, .txt)

You can save your dictionary to a text file using the code below:

```
dict = {'Python' : '.py', 'C++' : '.cpp', 'Java' : '.java'}
f = open("dict.txt","w")
f.write( str(dict) )
f.close()
```

save dictionary to a pickle file (.pkl)

The pickle module may be used to save dictionaries (or other objects) to a file. The module can serialize and deserialize Python objects.

```
import pickle
dict = {'Python' : '.py', 'C++' : '.cpp', 'Java' : '.java'}
f = open("file.pkl","wb")
pickle.dump(dict,f)
f.close()
```

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