## Introduction and flat files FREE

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In this chapter, you'll learn how to import data into Python from all types of flat files, a simple and prevalent form of data storage. You've previously learned how to use NumPy and pandas - you will learn how to use these packages to import flat files, as well as how to customize your imports.

D	Welcome to the course!	50 xp
	Exploring your working directory	50 xp
<b>&gt;</b>	Importing entire text files	100 xp
>	Importing text files line by line	100 xp
D	The importance of flat files in data science	50 xp
	Pop quiz: examples of flat files	50 xp
	Pop quiz: what exactly are flat files?	50 xp
	Why we like flat files and the Zen of Python	50 xp
D	Importing flat files using NumPy	50 xp
>	Using NumPy to import flat files	100 xp
>	Customizing your NumPy import	100 xp
>	Importing different datatypes	100 xp
	Working with mixed datatypes (1)	50 xp
>	Working with mixed datatypes (2)	100 xp
D	Importing flat files using pandas	50 xp
>	Using pandas to import flat files as DataFrames (1)	100 xp
>	Using pandas to import flat files as DataFrames (2)	100 xp
<b>&gt;</b>	Customizing your pandas import	100 xp
D	Final thoughts on data import	50 xp