4 Case Study - Sunlight in Austin

100%

Working with real-world weather and climate data, in this chapter you will bring together and apply all of the skills you have acquired in this course. You will use Pandas to manipulate the data into a form usable for analysis, and then systematically explore it using the techniques you learned in the prior chapters. Enjoy!

▷	Reading and cleaning the data	50 xp
☰	What method should we use to read the data?	50 xp
</>	Reading in a data file	100 xp
</>	Re-assigning column names	100 xp
</>	Cleaning and tidying datetime data	70 xp
</>	Cleaning the numeric columns	100 xp
▷	Statistical exploratory data analysis	50 xp
</>	Signal min, max, median	100 xp
</>	Signal variance	100 xp
</>	Sunny or cloudy	100 xp
▷	Visual exploratory data analysis	50 xp
</>	Weekly average temperature and visibility	100 xp
</>	Daily hours of clear sky	100 xp
</>	Heat or humidity	100 xp
</>	Probability of high temperatures	100 xp
▷	Congratulations!	50 xp

HIDE CHAPTER DETAILS