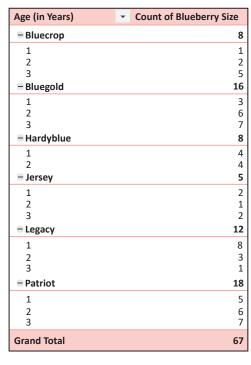
12.2 PROJECT

PIVOTING AN INVENTORY

One aspect of data wrangling is making sure the raw data is cleaned up and organized into a form that can be easily analyzed. This organized data should also be easy to work with to answer the questions being asked about the data. A pivot table is a tool that can quickly summarize a large data set. Pivot tables also have the ability to present several completely different views of the data.

Suppose the inventory manager of a garden center was asked to create a report on the current inventory of blueberry bushes. She wasn't provided a specific question to answer, so she created the following two pivot tables to spark conversation about the current inventory.



Harvest Season and Sun Exposure ▼ Cour	nt of Age (in Years)
= Early	18
= Full Sun	18
Patriot	18
= Late Season	17
= Full Sun	12
Legacy	12
= Full to Partial Sun	5
Jersey	5
─ Midseason	32
= Full Sun	8
Bluecrop	8
= Full to Partial Sun	24
Bluegold	16
Hardyblue	8
Grand Total	67

- 1. Describe the information presented in the pivot table on the left.
- 2. Describe the information presented in the pivot table on the right.
- **3.** What information is displayed in both tables?
- **4.** How many different varieties of blueberry bushes does the garden center sell? What varieties do they have?
- **5.** Which blueberry bush varieties require full sun?
- **6.** Write a question that the pivot table on the left would answer.
- 7. Write a question that the pivot table on the right would answer.
- 8. Suppose the inventory manager is given the following question right before the meeting: "What is the age of each blueberry bush in stock and when is the harvest season for each?" Describe how she could create a pivot table to answer this question.