**Using margins in pivot tables**

Sometimes it's useful to add totals in the margins of a pivot table. You can do this with the argument margins=True. In this exercise, you will practice using margins in a pivot table along with a new aggregation function: sum.

The users DataFrame, which you are now probably very familiar with, has been pre-loaded for you.

**INSTRUCTIONS**

* Define a DataFrame signups\_and\_visitors that shows the breakdown of signups and visitors by day, as well as the totals.
  + You will need to use aggfunc=sum to do this.
* Print signups\_and\_visitors. This has been done for you.
* Now pass the additional argument margins=True to the .pivot\_table() method to obtain the totals.
* Print signups\_and\_visitors\_total.

# Create the DataFrame with the appropriate pivot table: signups\_and\_visitors

signups\_and\_visitors = users.pivot\_table(index='weekday', aggfunc=sum)

# Print signups\_and\_visitors

print(signups\_and\_visitors)

# Add in the margins: signups\_and\_visitors\_total

signups\_and\_visitors\_total = users.pivot\_table(index='weekday', aggfunc=sum, margins=True)

# Print signups\_and\_visitors\_total

print(signups\_and\_visitors\_total)