2 Applying Filtering, Ordering and Grouping to Queries

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In this chapter, you will build on the database knowledge you began acquiring in the previous chapter by writing more nuanced queries that allow you to filter, order, and count your data, all within the Pythonic framework provided by SQLAlchemy!

Filtering and Targeting Data	50 xp
Connecting to a PostgreSQL Database	100 xp
Filter data selected from a Table - Simple	100 xp
Filter data selected from a Table - Expressions	100 xp
Filter data selected from a Table - Advanced	100 xp
Overview of Ordering	50 xp
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Ordering in Descending Order by a Single Column	100 xp
Ordering by Multiple Columns	100 xp
Counting, Summing and Grouping Data	50 xp
⇔ Counting Distinct Data	100 xp
Count of Records by State	100 xp
Determining the Population Sum by State	100 xp
Let's use Pandas and Matplotlib to visualize our Data	50 xp
SQLAlchemy ResultsProxy and Pandas Dataframes	100 xp
From SQLAlchemy results to a Graph	100 xp

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