



Using the Course Tables with AI

The **Course Tables** file contains the database tables and data that will be used throughout the SQL Practice Series. These tables provide the context an AI tool needs to generate SQL queries that match the course database.

Before beginning the practice activities:

1. Provide the **Course Tables** file to ChatGPT or another Large Language Model (LLM).
2. Tell the AI that these are the tables you will be using for your SQL practice.
3. Go to the **Practice Questions** section of the lesson.
4. Copy the **AI Prompt** provided for the practice question and enter it into the AI tool.
5. Review the SQL query generated by the AI.
6. Run the query in the SQL Editor within the Learning Management System and examine the results.
7. Compare the AI-generated query with the **SQL Answer** provided in the practice section.

For example, the practice lessons provide an **AI Prompt** followed by the corresponding **SQL Answer**, allowing you to generate the query yourself using AI before checking the solution.

Important: The goal is **NOT** to memorize SQL syntax. The goal is to learn how to describe what you want to accomplish, use AI to help generate the SQL, and then understand, test, and validate the query.

Go to the **Practice Questions** section of each lesson to see examples of the prompts you should use.