

- 1) SQL stands for structured query language and is a programming language that is used to manage relational databases. Using it, you can access, modify, and extract information from the databases.
- 2) The SQL procedure is a procedure that enables the use of SQL within SAS code.
- 3) PROC SQL table is a data table similar to a SAS data file, consisting of rows and columns.
- 4) A query is SQL code that is used to retrieve data and returns a query result. In PROC SQL, you use a select statement and its additional clauses to form a query.
- 5) PROC SQL has some of the capabilities of SAS's DATA step (ex. filtering rows) and can sometimes produce the same result as base SAS code in fewer steps/lines of code. Additionally, PROC SQL can perform some operations of other SAS procedures.

11)

The screenshot shows a web browser window with the URL [vie.sas.com/course/view.php?id=6856#section-1](https://vie.sas.com/course/view.php?id=6856#section-1). The page features a header with the course title "SAS Office Hours: Base & Advanced Programming Q&A" and a "VIEW SCHEDULE >" button. Below the header, there is a "Lessons" section listing seven lessons, each with a yellow folder icon and a green checkmark indicating completion. The lessons are: "Course Overview and Data Setup (REQUIRED)", "Lesson 1: Essentials", "Lesson 2: Accessing Data", "Lesson 3: Exploring and Validating Data", "Lesson 4: Preparing Data", "Lesson 5: Analyzing and Reporting on Data", "Lesson 6: Exporting Results", and "Lesson 7: Using SQL in SAS®". A note under the first lesson states: "Important: If you are not using the SAS Virtual Lab, you must perform the data setup at the end of the Course Overview to create the files for this course." On the right side of the page, there is a "Completion Progress" section with a green progress bar, a "Have a Question?" section with a link to the SAS Programming Community, a "Help & Feedback" section with links to "Using Course Features" and "Troubleshooting", and a "Rate This Course" section with a five-star rating and a feedback form.

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## SAS Office Hours

Base & Advanced Programming Q&A

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### Lessons

- Course Overview and Data Setup (REQUIRED) ✓  
**Important:** If you are not using the [SAS Virtual Lab](#), you must perform the data setup at the end of the Course Overview to create the files for this course.
- Lesson 1: Essentials ✓
- Lesson 2: Accessing Data ✓
- Lesson 3: Exploring and Validating Data ✓
- Lesson 4: Preparing Data ✓
- Lesson 5: Analyzing and Reporting on Data ✓
- Lesson 6: Exporting Results ✓
- Lesson 7: Using SQL in SAS® ✓

### Completion Progress

Mouse over or touch bar for info.

### Have a Question?

Content questions: Get expert help in the [SAS Programming Community](#)

### Help & Feedback

[Using Course Features](#)  
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