

# Introduction to SQL

8 PMI PDUs | 8 IIBA CDUs

**Format:** Live Instructor-Led Online through Zoom

**Duration:** Two 5 hour sessions

## Technology and Attendance Requirements:

Computer with a browser, Zoom, a microphone and speaker. For this workshop, camera should be on if possible and you must be actively participating.

Do you need to analyze and work with large volumes of data?

For anyone looking to improve their knowledge of SQL (Structured Query Language) this course will teach you how to write SQL SELECT statements to retrieve and analyze your data from a relational database.

## Learning Outcomes:

During this course you will learn about:

- Writing SQL SELECT statements in a structure way, starting with visualizing the desired output.
- Ordering the data according to your needs.
- Filtering the records to get only the relevant information.
- Using expressions and scalar functions to transform the data.
- Using inner joins to read data from multiple tables simultaneously.
- Finding unmatched records with outer joins.
- Using aggregate functions to summarize your data
- Reclassifying your data with new criteria.

## Graef for

Anyone who needs to be able to access relational data using SQL, including:

- Developers.
- Test analysts and engineers.
- Business and systems analysts.
- Data analysts.