

# TRAINING

# SQL

# Apex-Basic

**FACTSHEET COMPACT**



TRAINER

CAROLINE BIJLHOUT MSC



ERKEND



## *Training Guide*

**Course:** SQL -APEX - BASIC  
**Code:** SQL-AP  
**Trainer:** Caroline Bijlhout MSc  
**Start:** Open  
**Duration:** 30 contact hrs., on average one 3 hrs.' sessions per week (Instructor-led Training)  
**Topics by Keywords:** Oracle, SQL, Database, Data Retrieval, Data manipulation, Data definition, Apex

### *Course Overview*

The SQL & APEX Basics course is offered by the Institute of Management and Information Technology (IMIT) in the context of the HBO training course Business ICT Management (BIM)

### *Learning Outcomes*

Students are brought beyond learning about the theories and concepts, to a level where they develop critical thinking to evaluate applicability of these in the practical sense. This is further stimulated by pressing students to utilize external resources on this exciting journey through the world of data and information. Specific learning objectives:

- Develop understanding the basic concepts of relational database systems and Oracle
- Introduction SQL and SQL Developer
- Data retrieval
- Data definition (create tables, constraints, datatypes)
- Data manipulation
- Queries multiple tables and aggregation
- Views
- Introduction to Oracle Apex

### *Instructional Method and Requirements*

During this training, participants can expect:

- Classroom setting Lectures, with sufficient room to analyze real-world problems;
- Very hands-on in-class assignments;
- Search for reliable web content;
- ONLINE assignments;
- (Online) Clinics;
- Supplementary research (hours);

There is one mid-course evaluation and the course is concluded by means of the final exam.

## Entry Requirements

SQL-AP is a level 2 course. To be admitted to the SQL course, students must be able to demonstrate that they have the required basic knowledge. Having a laptop with an XE database installed and a SQL developer is mandatory. The student also needs to open a free account at Oracle apex.

## Report/Background Document

Supplementary to the final assignment is the report/background document which describes the product with emphasis on the process leading to the results, the design choices made along the way and benefits/drawbacks thereof. This deliverable offers the team an opportunity to further demonstrate mastery of the subject.

## About the Trainer

Caroline Bijlhout MSc – Dedicated

After Caroline had received a Bachelor Degree in Economics in 2007, she got into an Oracle boot camp for one year, which she finished successfully. From there on out she fulfilled diverse roles such as Oracle Application Developer, Information Analyst and Trainer, which made her gain the experience needed in a technological environment. She also finished diverse other studies and holds a MSc degree in Strategy and Innovations.

## Accreditation/ Certification/ Recognition

SQL is an integral part of the IMIT education program accredited by the “National Orgaan voor Accreditatie” (NOVA). The successful completion of the course entitles IMIT students an IMIT (sub) certificate. IMIT is recognized by The Ministry of Education, Science and Culture (MINOWC).

**INVESTMENT: ALL-IN USD 500**

IMIT

Studierichting Coördinator  
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*Subject to change, 1-8-2024*