

**Teradata Architecture and Basics**

**Course Number:** TER-130
**Duration:** 3 days

**Overview**

Accelebrate's Teradata Architecture and Basics training class teaches attendees how to take advantage of Teradata's unique parallel architecture to interpret SQL requests, receive input records, and pass data.

**Prerequisites**

No prior experience is required.

**Materials**

All Teradata training students receive comprehensive courseware.

**Software Needed on Each Student PC**

We have multiple options for setting up this course using a mix of local and/or cloud resources that we provide. Please ask us for details.

**Objectives**

* The Teradata Architecture
* The Primary Index
* Hashing of the Primary Index
* Inside the AMPs Disk
* Join Functions
* Partition Primary Index (PPI) Tables
* Columnar Tables
* Temporary Tables
* Space
* Secondary Indexes
* Join Indexes
* Collect Statistics
* Temporal Tables Create Functions
* Teradata Load Utilities Introduction

**Outline**

* Introduction
* The Teradata Architecture
* The Primary Index
* Hashing of the Primary Index
* Teradata - The Cold Hard Facts
* Inside the AMPs Disk
* Partition Primary Index (PPI) Tables
* Columnar Tables
* Space
* The User Environment
* Secondary Indexes
* Temporal Tables Create Functions
* How Joins Work Internally
* Join Indexes
* Collect Statistics
* Temporary Tables
* Teradata Load Utilities Introduction
* Conclusion