

Broadcom Tanzu Greenplum Training

OEM: Broadcom • Duration: 3 Days (24 hrs) • Code: BC-250-608

COURSE MODULES & TOPICS

1.1 Greenplum Introduction: Foundational Concepts (5%)

- Basic foundational knowledge of Greenplum
- Greenplum Architecture

1.2 Greenplum Introduction: Database Objects (5%)

- Creating database objects: tables, indexes, constraints, partition tables

1.3 Greenplum Introduction: Data Organization (5%)

- Data distribution and partitioning inside Greenplum

1.4 Greenplum Introduction: SQL Fundamentals and Functions (5%)

- SQL functions and fundamentals

2 Optimizing Queries on Greenplum (11%)

- Optimize queries and meet SLAs

3 Data Loading and Querying External Data (12%)

- Load data and query data from external sources

4 Greenplum Data Protection (11%)

- Greenplum disaster recovery
- Data protection strategies

5 Greenplum Command Center (7%)

- GPCC web-based application for monitoring and managing Greenplum clusters

6 Artificial Intelligence and Machine Learning (11%)

- In-database AI and ML algorithms
- PostgresML and Apache MADlib

7 Spatial Queries (10%)

- Querying spatial data with PostGIS
- H3 Index geospatial indexing system

8 Greenplum Management Utilities and Support Tools (8%)

- Greenplum utilities to manage Greenplum cluster

9 Text Analytics with GPText (10%)

- Store, index and query raw text data
- Social media feeds and e-mail databases
- Mission-critical text information extraction