

## **Greenplum Developer**

### **INTRODUCTION**

- Overview
- psql CLI utility

### **DEFINING AND SECURING THE DATABASE**

- DDL, DML, DQL

### **DATA LOADING AND DISTRIBUTION**

- Implementing table storage models, compression, and tablespaces
- Data loading
- Table partitioning

### **DATA MODELING & DESIGN**

- Data modeling in Greenplum
- Physical design decisions

### **PERFORMANCE ANALYSIS & TUNING**

- Pivotal Query Optimizer
- SQL joins: types and implementation
- Query profiling
- Query tuning and rewriting
- Indexing strategies

### **ONLINE ANALYTICAL PROCESSING, WINDOW FUNCTIONS**

- Window functions
- Built-in functions
- User defined functions
- User defined types