

AB INITIO COURSE COVERAGE

Prerequisite:

- Basics of Data warehousing
- Knowledge on Unix commands
- Knowledge on writing SQL queries

Day I

Ab Initio – An Introduction

Ab Initio Products – An Overview

Ab Initio Architecture

Parallelism in Ab Initio

GDE Overview

Establishing Connection from GDE to Co Op

Data Manipulation Language

Different source system & record format types

Data set Components – Hands on with the Files/Tables creation required for scenarios

1. Input/ Output File/Table
2. Lookup File
3. Run SQL
4. Truncate Table
5. Update Table

Summarize

Day II

Recap

Transform Functions – User Defined Vs Predefined

Sort Components – Hands on with real time retail warehouse scenario

1. Sort
2. Dedup Sorted
3. Find Splitters

Transform Components – Hands on with real time retail warehouse scenario

1. Reformat
2. Filter By Expression
3. Scan
4. Rollup

Summarize

Day III

Recap

Transform Components – Contd. (Hands on with real time retail warehouse scenario)

1. Join
2. Fuse
3. Normalize

Parameters – An Introduction, Types, Interpretation
Change Data Capture & Slowly changing dimensions Implementation
Phases & Checkpoints
Debugging – Tips & Tricks
Summarize

Day IV

Recap

Dataset Components Contd. – Components usage provided in presentation

1. Read/Write Excel

Miscellaneous Components – Hands on with real time retail warehouse scenario

1. Generate Records
2. Create Data
3. Replicate
4. Redefine
5. Run Program
6. Trash

Multifile System

Partition Components – Hands on with real time retail warehouse scenario

1. Partition By Key/Key & Sort
2. Partition By Expression
3. Partition By Range, Find Splitters
4. Partition By Round Robin

DePartition Components – Hands on with real time retail warehouse scenario

1. Gather
2. Merge
3. Concatenate
4. Interleave

PSET creation & execution

Generic graphs, components

Summarize

Day V

Recap

Introduction to wrappers

Rollback & Recovery Mechanism

Performance Tuning

Useful Ab Initio commands – m_dump, m_eval, m_wc, m_cp, etc

Introduction to EME – Code Check In/Check Out, Versioning & Tagging, Save Files & Promotion using air commands

Job Scheduling

Summarize