

Ab Initio Course Content

AB INITIO COURSE COVERAGE

No of Hours : 40

Introduction to Data Warehousing Basis:-

Ab Initio – An Introduction

Ab Initio Products – An Overview

Ab Initio Architecture

Parallelism in Ab Initio

GDE Overview

Data Manipulation Language

Different source system & record format types

Dataset Components – Hands on with the Files/Tables creation required:-

for scenarios

1. Input File

2. Output File

3. Read Multiple files

4. Write Multiple files

5. Lookup File

Database Components:-

1. Input Table
 2. output Table
 3. Join with DB
 4. Truncate Table
 5. Update Table
 6. Run SQL
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Sort Components – Hands on with real time retail warehouse scenario

1. Sort
 2. Dedup Sorted
 3. Partition By Key & Sort
 4. Sort within Group
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Transform Components – Hands on with real time retail warehouse:-

1. Reformat
2. Filter By Expression
3. Scan
4. Rollup
5. Join
6. Fuse
7. Normalize
8. Multi Reformat.

9.Scan with Rollup.

Validate Component

- 1.check order
 - 2.Compare records
 - 3.Compute Checksum
 - 4.Validate record
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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 Robbin

DePartiton Components – Hands on with real time retail warehouse

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

Phases & Checkpoints

Debugging – Tips & Tricks

Internet Components - Components usage provided in presentation:-

1. FTP/SFTP TO
 2. FTP/SFTP FROM
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Miscellaneous Components – Hands on with real time retail warehouse

1. Generate Records
2. Replicate
3. Redefine
4. Trash

Parameters – An Introduction, Types, Interpretation

PSET creation & execution

Generic graphs, components

Rollback & Recovery Mechanism

Performance Tuning

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

Introduction to EME – Code Check In/Check Out, Versioning & Tagging, Save Files.

Working with Vectors

Making and Breaking of vectors.

SCD-2 structure

CDC structure

Detailed Material for every Component in the Content.

===ALL THE BEST===