

# Indus IT Training

Course: AB Initio – Training Curriculum – Skill Level Beginner – Advanced

Duration: Six Weekends - Sat & Sun: 9.00am – 1.00pm - Approx. 50hrs

## AB Initio

### Data warehouse concepts

- ✚ Introduction to Data Warehousing
- ✚ Types of Data warehouses
- ✚ Warehouse Models
- ✚ Dimensional Modeling

### Introduction to Ab Initio

- ✓ Ab Initio Architecture
- ✓ Introduction to Ab Initio Components
- ✓ Basic Concepts and DML
- ✓ Introduction to types of Components

### Ab Initio Components

- Sort
- Reformat
- Rollup
- Scan
- Normalize
- Denormalize–sorted
- Partition Components
- De–partition Components
- Database Components

### Steps to Building Applications

- Add datasets.
- Add components.
- Add flows.
- Edit Component Parameters as needed.
- Graph Parameters
- Global and Local Parameters
- Formal and Local Parameters
- Debug your application
- Anatomy of a Running Job

Location: 1033 Sterling Road, Ste. 204, Herndon-VA-20170. USA.

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## Performance Tuning Techniques

- ❖ Partitioning, Layouts
- ❖ Lookups and Variables
- ❖ Data Parallelism
- ❖ Phasing and Check pointing
- ❖ Repartitioning
- ❖ Building generic graphs

## Advanced Ab initio Topics

- Parallelism
- Behind the GDE
- Testing and Validation
- Multistage and Advanced Components
- Lookup Files
- Reusability Features
- Advanced DML Features
- Performance
- Custom Components

## EME

- ❖ Creating Projects in EME
- ❖ Project parameters
- ❖ Sandbox
- ❖ Check-in and check-out projects
- ❖ Air commands
- ❖ Projects migrations

## Database Components

- Database Configuration file
- Input tables
- Output tables
- Update Tables
- Performance tuning
- Layouts

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## UNIX

- ❖ Unix commands
- ❖ Shell scripting
- ❖ Integration of Ab Initio and Unix
- ❖ Writing wrappers

## Database

- Sql queries
- Introduction to PL/SQL

**Note: Basic Programming and data base knowledge is a prerequisite of the course.**

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