

Wizards Training

Ab Initio Training Course Curriculum

Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm
Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

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

Performance Tuning Techniques

- Partitioning, Layouts
- Lookups and Variables

Training Location: 1033 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
Ph: 703-263-7278 Fax: 703-935-8849 training @wizardsedu.com
(Behind Fuddruckers @ Cross Roads of Dulles on Elden Street)

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- **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**

UNIX

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

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Database

- ❖ **Sql queries**
- ❖ **Introduction to PL/SQL**

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