

Technocrats Domain Inc (TCD, 1999, Houston, TX) is a software consulting/training service provider specializing in EDI, EAI, and ETL projects. We excel in providing Mercator/DataStage/WTX consulting and training services in US, UK and India. Training services are available for the following versions: 5.X, 6.X, 7.X, and 8.X

## IBM DataStage Server Edition (SE) Training Outline – 3 day

1. Concepts of Data Warehousing:
  - Why Data Warehousing?
  - Approaches to Data Warehousing.
2. Introduction to WebSphere DataStage
3. Unique Features of DataStage
4. DataStage Client-Server Architecture
5. DataStage Components
6. DataStage Administration and Configuration
  - Introduction to DataStage Administrator
  - Installing Plugins
  - Defining User roles
  - Defining Run-time default parameters
7. Designing DataStage Jobs
  - Introduction to DataStage Designer
  - Different types of jobs
  - Stages and its usage
  - Further discussion on the various types of stages
  - Designing a simple job
8. Running DataStage Jobs
  - Introduction to DataStage Director
  - Monitoring jobs
  - Job Run Logs
9. Working with Metadata
10. Constraints and Derivation
11. Creating BASIC Expressions
12. Troubleshooting
13. Defining Lookups
14. Aggregating Data
15. Job Control
16. Scheduling and Reporting
17. Optimizing Job Performance
18. DataStage Manager

Technocrats Domain Inc.  
Hyderabad, AP, India  
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## IBM DataStage Performance Tuning Outline – 1 day

1. Job Design
2. Modularity and Restart ability Vs Performance
3. Filter Records / Unwanted Columns as part of Job Design
4. Usage of Datasets
5. Utilizing Database Engine Capabilities for SORT/AGGREGATION
6. Importance of Partitioning as part of performance
7. Usage of right stage (Transformer VS Other Stages)
8. Sparse Look up Vs Normal Lookup
9. Importance of BULK Loaders and Indexes on Databases during LOAD
10. Importance of DS Parameters like 'Array Size' and 'Rows per Transaction' and Information APT\_CONFIG\_FILE and Administrator

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Logistics of the Training: All expenses except for flight charges will be taken care by Technocrats Domain Inc (TCD):

- Fee per each student \$1500. Onsite training requires a minimum of 5 students.
- Training material, assignment, and solutions will be provided by TCD
- 15 Day Support after the training will be provided by TCD
- Client provides white board and projector
- 2 Week advance notice is needed for all onsite trainings

For more information or for client specific training or project executions contact:

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