

IBM InfoSphere DataStage Essentials (v11.5)

Duration: 4 Days **Course Code: KM204G**

Overview:

This course enables the project administrators and ETL developers to acquire the skills necessary to develop parallel jobs in DataStage. The emphasis is on developers. Only administrative functions that are relevant to DataStage developers are fully discussed. Students will learn to create parallel jobs that access sequential and relational data and combine and transform the data using functions and other job components.

Target Audience:

Project administrators and ETL developers responsible for data extraction and transformation using DataStage.

Objectives:

- Describe the uses of DataStage and the DataStage workflow
- Describe the Information Server architecture and how DataStage fits within it
- Describe the Information Server and DataStage deployment options
- Use the Information Server Web Console and the DataStage Administrator client to create DataStage users and to configure the DataStage environment
- Import and export DataStage objects to a file
- Import table definitions for sequential files and relational tables
- Design, compile, run, and monitor DataStage parallel jobs
- Design jobs that read and write to sequential files
- Describe the DataStage parallel processing architecture
- Design jobs that combine data using joins and lookups
- Design jobs that sort and aggregate data
- Implement complex business logic using the DataStage Transformer stage
- Debug DataStage jobs using the DataStage PX Debugger

Prerequisites:

- Basic knowledge of Windows operating system
- Familiarity with database access techniques

Content:

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| ■ 1. Introduction to DataStage | ■ 6. Access Sequential Data | ■ 11. Repository Functions |
| ■ 2. Deployment | ■ 7. Partitioning and Collecting Algorithms | ■ 12. Work with Relational Data |
| ■ 3. DataStage Administration | ■ 8. Combine Data | ■ 13. Control Jobs |
| ■ 4. Work with Metadata | ■ 9. Group Processing Stages | |
| ■ 5. Create Parallel Jobs | ■ 10. Transformer Stage | |

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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