

IBM DataStage Foundation

Beginners training DataStage

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DataStage Foundation

1 Introduction

During this training, an experienced DataStage consultant will teach how to use the IBM ETL tool DataStage. DataStage is meant for batch- or near real-time processing of large amounts of data.

This beginners training is made for DataStage developers or administrators with no to little experience or knowledge of DataStage.

2 Content

Both why and how to use an ETL-tool will be discussed. The training also covers how DataStage fits within the suite of Data Integration products in the IBM Information Server (IIS) suite.

Next to the theory lessons, the student will also work with DataStage during the training. There will be fun exercises to solve during which the instructor will share do's and don'ts within the development process. For the faster students, additional exercises are available.

We will use a Linux environment that is set-up to be used with a few standard commands. Extensive Linux knowledge will thus not be necessary.

The IIS-products can be installed through various methods. Single-, multiserver or grid. For this reason, we will discuss these different topologies of the IIS installation options.

During the training we will discuss the most important DataStage functionalities and the most used stages will be covered.

At the end of the training we will follow a Business Case; an exercise where all the learned material comes together, and you can determine whether you can apply the knowledge learned in the past days.

3 Program

Additional to theory, applying knowledge to practical situations will also be widely covered. The training takes 3 days, during which different topics will be discussed. For each topic, when relevant, the material consists of theory demo's and hands-on exercises:

Day 1:

- ETL introduction
- Products and cohesion IBM Information Server suite
- IIS architectures
- Introduction Datastage
- Reading Sequential files
- Using lookup stages
- Null handling

Day 2:

- Join stages
- Aggregation stage
- Often occurring job designs
- Working with sequential files
- Sorting data
- Splitting and combining data
- Working with variables
- Sequential jobs
- Finding and analyzing datastage errors

Day 3:

- Database stages (DB2 or MSSQL)
- Job optimization using the Balanced Optimizer
- Parallel processing of data
- Advanced exercises (for the faster students)

During the afternoon on day three, we will work on a Business Case

4 Location

During Covid-19 lockdown, courses will be held online. Contact us for exclusive on-site training.

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