



# Data Profiling: The Key to Successful Data Integration

By By Don Sallot

Download now

Read Online ➔

## Data Profiling: The Key to Successful Data Integration By By Don Sallot

### Overview

Data profiling is the key to successful data integration since data profiling is central to the data warehouse, data hub and data mart development life-cycle. Data profiling is one set of activities performed during the development life-cycle but plays a significant role in insuring a successful integration initiative.

### Data Profiling

- Confirms that the data supports the business requirements.
- Confirms data element content and relationships.
- Confirms that the data model supports both the requirements and source data.
- Identifies potential natural business keys collisions when like sources are brought in and integrated.
- Provides input to the source to target mapping process, insuring that the ETL development specifications support both the data model and data content.
- Provides for both the before and after unit testing of the data model and ETL programs and processes.

Data profiling is an analysis of the candidate data sources for an integrated data repository such as a data warehouse, data hub and data marts to clarify the structure, content, relationships and derivation rules of the data. Profiling helps to understand anomalies and to assess data quality, but also to discover, register, and assess enterprise metadata. Thus the purpose of data profiling is both to validate metadata when it is available and to discover metadata when it is not. The result of the analysis is used both strategically, to determine suitability of the candidate source systems and give the basis for an early go/no-go decision, and tactically, to identify problems for later solution design, and to level sponsors' expectations.

 [Download Data Profiling: The Key to Successful Data Integra ...pdf](#)

 [Read Online Data Profiling: The Key to Successful Data Integ ...pdf](#)



# Data Profiling: The Key to Successful Data Integration

*By By Don Sallot*

## Data Profiling: The Key to Successful Data Integration By By Don Sallot

### Overview

Data profiling is the key to successful data integration since data profiling is central to the data warehouse, data hub and data mart development life-cycle. Data profiling is one set of activities performed during the development life-cycle but plays a significant role in insuring a successful integration initiative.

### Data Profiling

- Confirms that the data supports the business requirements.
- Confirms data element content and relationships.
- Confirms that the data model supports both the requirements and source data.
- Identifies potential natural business keys collisions when like sources are brought in and integrated.
- Provides input to the source to target mapping process, insuring that the ETL development specifications support both the data model and data content.
- Provides for both the before and after unit testing of the data model and ETL programs and processes.

Data profiling is an analysis of the candidate data sources for an integrated data repository such as a data warehouse, data hub and data marts to clarify the structure, content, relationships and derivation rules of the data. Profiling helps to understand anomalies and to assess data quality, but also to discover, register, and assess enterprise metadata. Thus the purpose of data profiling is both to validate metadata when it is available and to discover metadata when it is not. The result of the analysis is used both strategically, to determine suitability of the candidate source systems and give the basis for an early go/no-go decision, and tactically, to identify problems for later solution design, and to level sponsors' expectations.

## Data Profiling: The Key to Successful Data Integration By By Don Sallot Bibliography

- Rank: #1459363 in eBooks
- Published on: 2015-02-07
- Released on: 2015-02-07
- Format: Kindle eBook

 [Download Data Profiling: The Key to Successful Data Integra ...pdf](#)

 [Read Online Data Profiling: The Key to Successful Data Integ ...pdf](#)

## **Editorial Review**

### **Users Review**

#### **From reader reviews:**

##### **Joseph Lewis:**

Nowadays reading books are more than want or need but also be a life style. This reading practice give you lot of advantages. The advantages you got of course the knowledge the particular information inside the book which improve your knowledge and information. The knowledge you get based on what kind of e-book you read, if you want drive more knowledge just go with training books but if you want feel happy read one together with theme for entertaining including comic or novel. The particular Data Profiling: The Key to Successful Data Integration is kind of reserve which is giving the reader erratic experience.

##### **John Ray:**

The publication untitled Data Profiling: The Key to Successful Data Integration is the reserve that recommended to you to see. You can see the quality of the e-book content that will be shown to you actually. The language that author use to explained their ideas are easily to understand. The article author was did a lot of analysis when write the book, so the information that they share to your account is absolutely accurate. You also might get the e-book of Data Profiling: The Key to Successful Data Integration from the publisher to make you more enjoy free time.

##### **Lawrence Shults:**

Reading can called mind hangout, why? Because when you are reading a book particularly book entitled Data Profiling: The Key to Successful Data Integration your thoughts will drift away trough every dimension, wandering in most aspect that maybe unknown for but surely will become your mind friends. Imaging every single word written in a e-book then become one contact form conclusion and explanation this maybe you never get just before. The Data Profiling: The Key to Successful Data Integration giving you one more experience more than blown away the mind but also giving you useful data for your better life within this era. So now let us show you the relaxing pattern is your body and mind will likely be pleased when you are finished examining it, like winning a. Do you want to try this extraordinary wasting spare time activity?

##### **Cheryl Edgerly:**

Many people said that they feel fed up when they reading a publication. They are directly felt the idea when they get a half portions of the book. You can choose the actual book Data Profiling: The Key to Successful Data Integration to make your own reading is interesting. Your skill of reading ability is developing when

you including reading. Try to choose very simple book to make you enjoy to see it and mingle the opinion about book and examining especially. It is to be initially opinion for you to like to start a book and examine it. Beside that the guide Data Profiling: The Key to Successful Data Integration can to be a newly purchased friend when you're feel alone and confuse with the information must you're doing of these time.

**Download and Read Online Data Profiling: The Key to Successful Data Integration By By Don Sallot #5S36H4VGCK0**

# **Read Data Profiling: The Key to Successful Data Integration By By Don Sallot for online ebook**

Data Profiling: The Key to Successful Data Integration By By Don Sallot Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Data Profiling: The Key to Successful Data Integration By By Don Sallot books to read online.

## **Online Data Profiling: The Key to Successful Data Integration By By Don Sallot ebook PDF download**

**Data Profiling: The Key to Successful Data Integration By By Don Sallot Doc**

**Data Profiling: The Key to Successful Data Integration By By Don Sallot Mobipocket**

**Data Profiling: The Key to Successful Data Integration By By Don Sallot EPub**

**5S36H4VGCK0: Data Profiling: The Key to Successful Data Integration By By Don Sallot**