

# 9 use cases for Oracle SQLDeveloper Data Modeler

Heli Helskyaho  
Miracle Finland Oy  
Finland

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**Introduction** [Times New Roman 11 pt medium big]

Data Modeler is known to be an amazing tool for database design. But are there other use cases for the tool? In this presentation I will explain how to use the tool for database design and 8 other use cases.  
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## 9 use cases

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There a plenty of different kinds of usages for Data Modeler but in my presentation I will explain 9 of them:

1. Database design (ER, DFD)
2. Documenting existing databases without documentation
3. Documenting existing databases with documentation
4. Data architecture
5. Standardizing
6. Improving quality
7. Efficiency, cost effectivity
8. Tuning SQL
9. Reporting

**Documenting** [Times New Roman 11 pt medium big]

Data Modeler is a good tool for documenting you database designs either new databases or existing (Oracle, DB2 or MS SQLServer) databases. It is also a tool for documenting your data architecture.  
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**Standardizing** [Times New Roman 11 pt medium big]

You can use Data Modeler as a helper on standardizing the design work in you company. Excmamples of standardizing with Data Modeler are domains, preferences and glossaries.

### **Improving quality**

Data Modeler can assist you on improving the quality of your designs. Examples of features in Data Modeler that will improve your quality are design rules, versioning (Subversion) and a functionality called compare models.

### **Efficiency, cost effectivity**

Data Modeler can also help you to be more efficient and to save money. Examples of features in Data Modeler for that purpose are different notations, transformations and several compare functionalities.

### **Tuning SQL**

Data Modeler is not a tuning tool but it will help you to understand what is inside the database and what the query is trying to do. Several possibilities to print out the layout of you database will significantly help you to understand who a certain information should be retrieved.

### **Reporting**

Data Modeler has many possibilities for reporting functionalities: reports that come with the tool, templates, print diagram functionalities, reporting repository.

### **Contact address:**

#### **Heli Helskyaho**

Miracle Finland Oy  
Hermannin rantatie 12 A  
00580 Helsinki, Finland

Phone: +358(0)503838152  
Fax:  
Email: heli@miracleoy.fi  
Internet: helifromfinland