

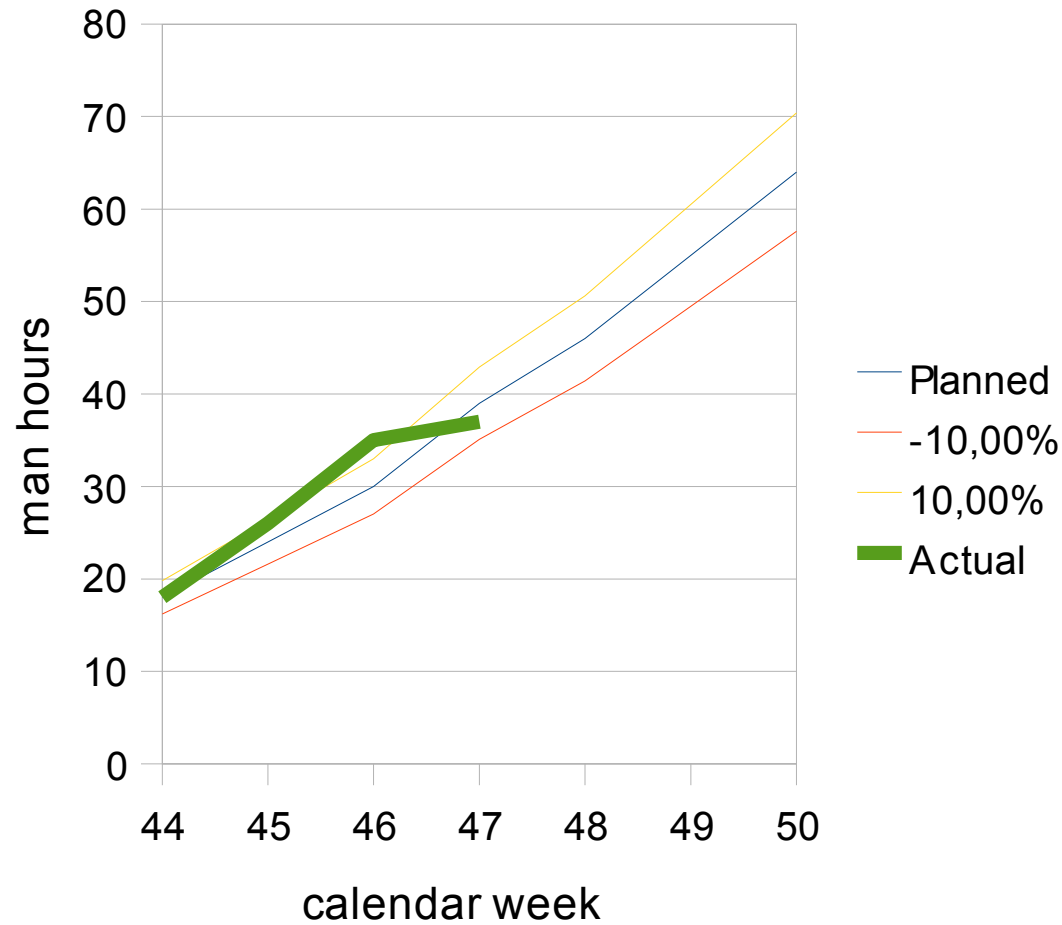
Data Mining & OLAP Reporting

Phase: Datawarehouse Schema & Frontend Design Week 47/2007

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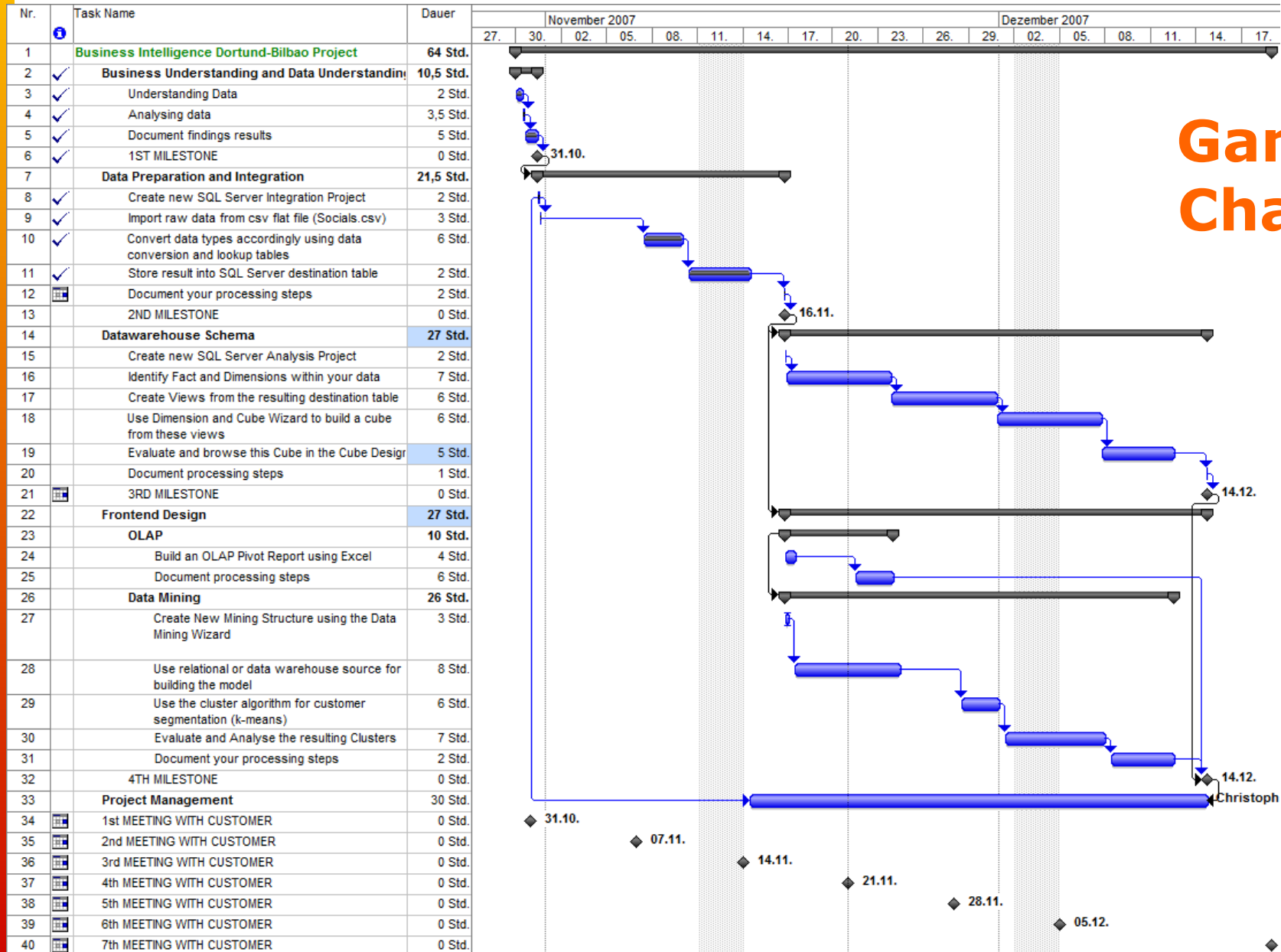
Budget: Man-Hours








Progress Overview

Nr.	Task Name	Dauer	Anfang	Ende	% Abgeschlossen
1	Business Intelligence Dortmund-Bilbao Project	64 Std.	Di 30.10.07	Mi 19.12.07	20%
2	Business Understanding and Data Understanding	10,5 Std.	Di 30.10.07	Mi 31.10.07	100%
3	Understanding Data	2 Std.	Di 30.10.07	Di 30.10.07	100%
4	Analysing data	3,5 Std.	Di 30.10.07	Di 30.10.07	100%
5	Document findings results	5 Std.	Di 30.10.07	Mi 31.10.07	100%
6	1ST MILESTONE	0 Std.	Mi 31.10.07	Mi 31.10.07	100%
7	Data Preparation and Integration	21,5 Std.	Mi 31.10.07	Fr 16.11.07	91%
8	Create new SQL Server Integration Project	2 Std.	Mi 31.10.07	Mi 31.10.07	100%
9	Import raw data from csv flat file (Socials.csv)	3 Std.	Mi 31.10.07	Mi 31.10.07	100%
10	Convert data types accordingly using data conversion and lookup tables	6 Std.	Mi 07.11.07	Fr 09.11.07	100%
11	Store result into SQL Server destination table	2 Std.	Sa 10.11.07	Mi 14.11.07	100%
12	Document your processing steps	2 Std.	Fr 16.11.07	Fr 16.11.07	30%
13	2ND MILESTONE	0 Std.	Fr 16.11.07	Fr 16.11.07	0%
14	Datawarehouse Schema	27 Std.	Fr 16.11.07	Fr 14.12.07	0%
15	Create new SQL Server Analysis Project	2 Std.	Fr 16.11.07	Fr 16.11.07	0%
16	Identify Fact and Dimensions within your data	7 Std.	Fr 16.11.07	Fr 23.11.07	0%
17	Create Views from the resulting destination table	6 Std.	Fr 23.11.07	Fr 30.11.07	0%
18	Use Dimension and Cube Wizard to build a cube from these views	6 Std.	Fr 30.11.07	Fr 07.12.07	0%
19	Evaluate and browse this Cube in the Cube Designer	5 Std.	Fr 07.12.07	Mi 12.12.07	0%
20	Document processing steps	1 Std.	Fr 14.12.07	Fr 14.12.07	0%
21	3RD MILESTONE	0 Std.	Fr 14.12.07	Fr 14.12.07	0%
22	Frontend Design	27 Std.	Fr 16.11.07	Fr 14.12.07	0%
23	OLAP	10 Std.	Fr 16.11.07	Fr 23.11.07	0%
24	Build an OLAP Pivot Report using Excel	4 Std.	Fr 16.11.07	Sa 17.11.07	0%
25	Document processing steps	6 Std.	Mi 21.11.07	Fr 23.11.07	0%
26	Data Mining	26 Std.	Fr 16.11.07	Mi 12.12.07	0%
27	Create New Mining Structure using the Data Mining Wizard	3 Std.	Fr 16.11.07	Fr 16.11.07	0%
28	Use relational or data warehouse source for building the model	8 Std.	Sa 17.11.07	Sa 24.11.07	0%
29	Use the cluster algorithm for customer segmentation (k-means)	6 Std.	Mi 28.11.07	Fr 30.11.07	0%
30	Evaluate and Analyse the resulting Clusters	7 Std.	Sa 01.12.07	Fr 07.12.07	0%
31	Document your processing steps	2 Std.	Sa 08.12.07	Mi 12.12.07	0%
32	4TH MILESTONE	0 Std.	Fr 14.12.07	Fr 14.12.07	0%

Gantt Chart

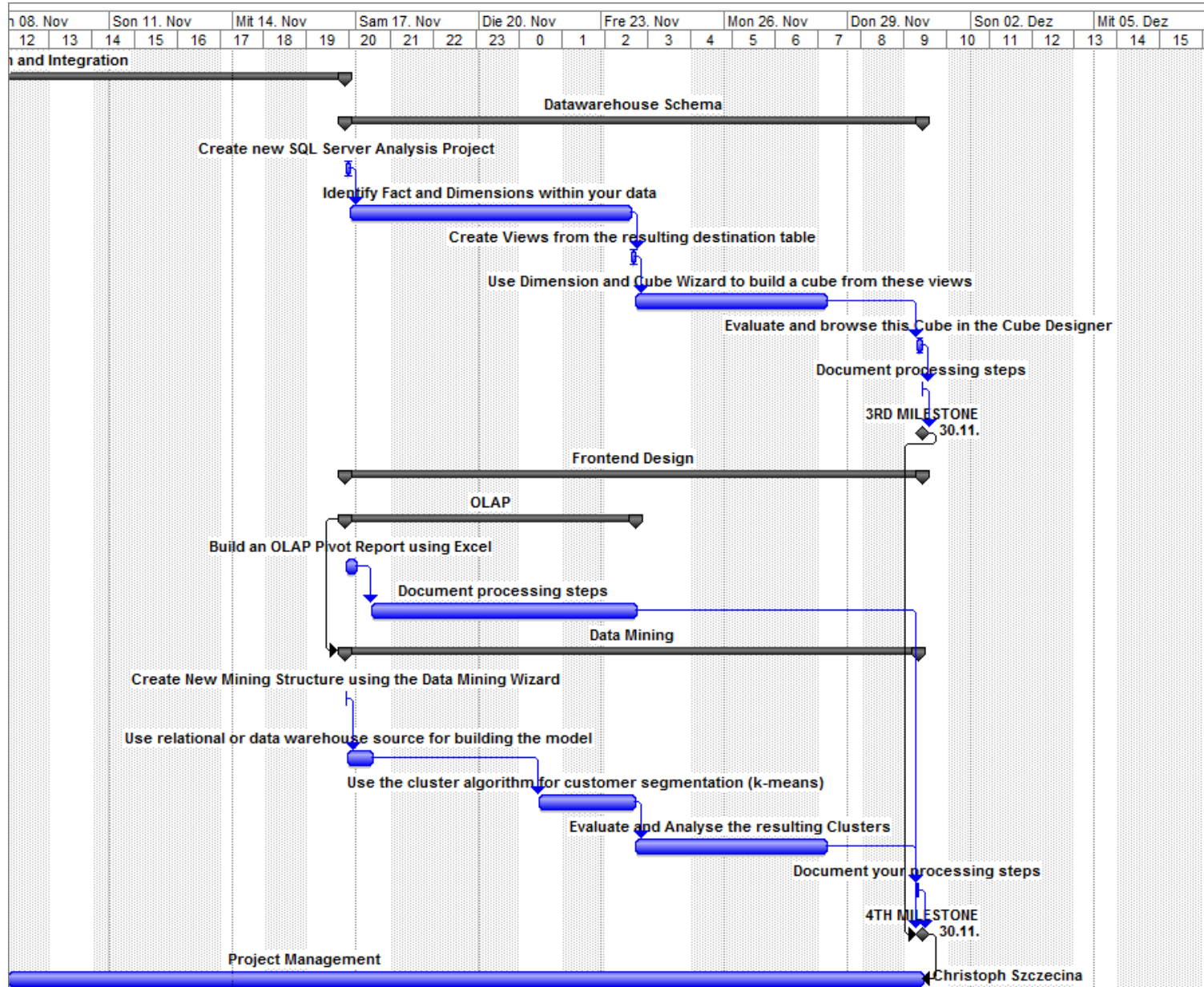


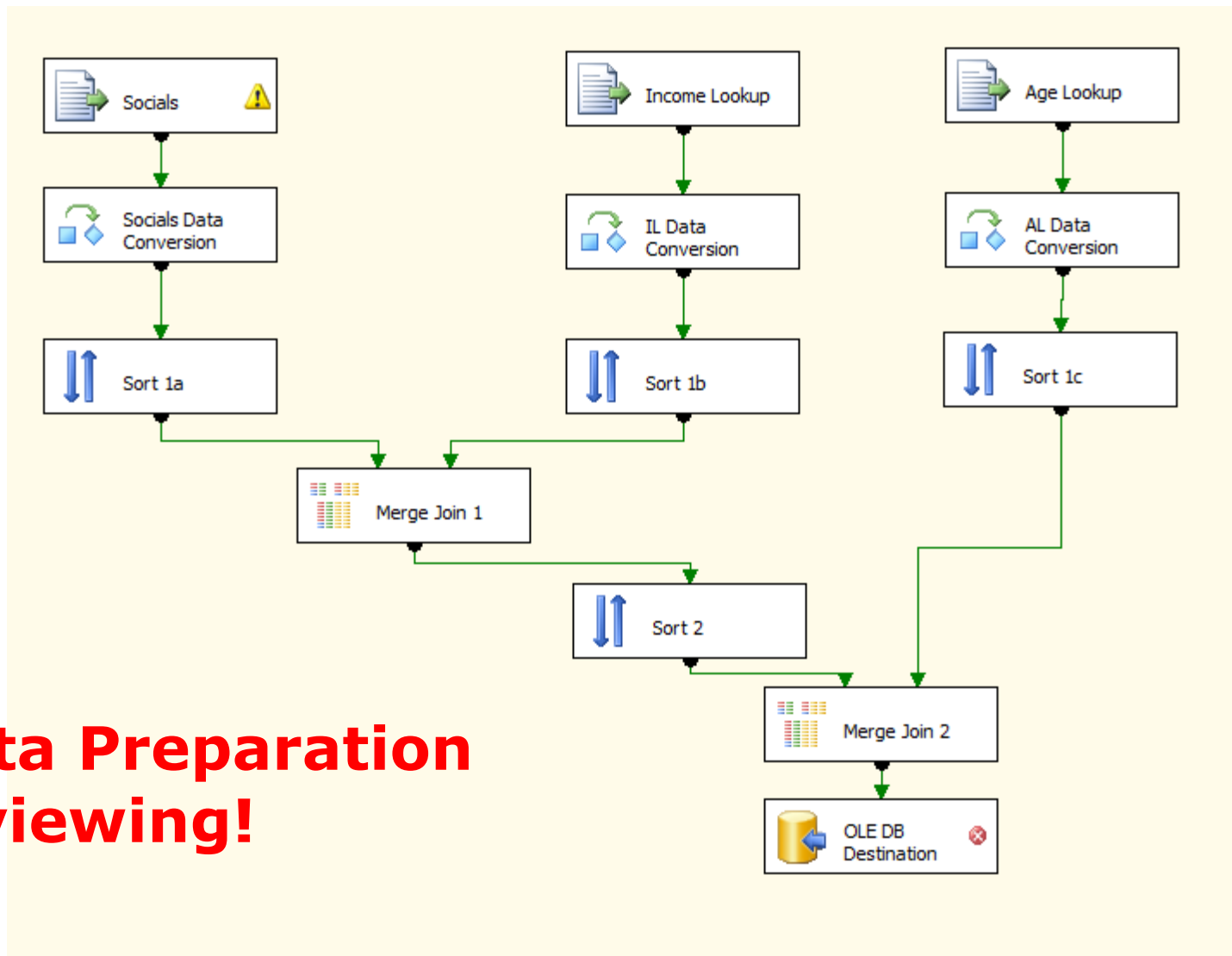
Since Last Report: Planned vs. Actual

- Documenting steps of Data Preparation 
- Create new SQL Server Analysis Project 
- Identify Fact and Dimensions within your data 
- Build an OLAP Pivot Report using Excel 
- Create New Mining Structure using the Data Mining Wizard 

Current Activities

Nr.	Task Name	Dauer	Anfang	Ende	% Abgeschlossen
12	Document your processing steps	2 Std.	Fr 16.11.07	Fr 16.11.07	30%
13	2ND MILESTONE	0 Std.	Fr 16.11.07	Fr 16.11.07	0%
	Datawarehouse Schema	27 Std.	Fr 16.11.07	Fr 14.12.07	0%
15	Create new SQL Server Analysis Project	2 Std.	Fr 16.11.07	Fr 16.11.07	0%
16	Identify Fact and Dimensions within your data	7 Std.	Fr 16.11.07	Fr 23.11.07	0%
17	Create Views from the resulting destination table	6 Std.	Fr 23.11.07	Fr 30.11.07	0%
18	Use Dimension and Cube Wizard to build a cube from these views	6 Std.	Fr 30.11.07	Fr 07.12.07	0%
19	Evaluate and browse this Cube in the Cube Design	5 Std.	Fr 07.12.07	Mi 12.12.07	0%
20	Document processing steps	1 Std.	Fr 14.12.07	Fr 14.12.07	0%
21	3RD MILESTONE	0 Std.	Fr 14.12.07	Fr 14.12.07	0%
22	Frontend Design	27 Std.	Fr 16.11.07	Fr 14.12.07	0%
23	OLAP	10 Std.	Fr 16.11.07	Fr 23.11.07	0%
24	Build an OLAP Pivot Report using Excel	4 Std.	Fr 16.11.07	Sa 17.11.07	0%
25	Document processing steps	6 Std.	Mi 21.11.07	Fr 23.11.07	0%
26	Data Mining	26 Std.	Fr 16.11.07	Mi 12.12.07	0%
27	Create New Mining Structure using the Data Mining Wizard	3 Std.	Fr 16.11.07	Fr 16.11.07	0%
28	Use relational or data warehouse source for building the model	8 Std.	Sa 17.11.07	Sa 24.11.07	0%
29	Use the cluster algorithm for customer segmentation (k-means)	6 Std.	Mi 28.11.07	Fr 30.11.07	0%
30	Evaluate and Analyse the resulting Clusters	7 Std.	Sa 01.12.07	Fr 07.12.07	0%
31	Document your processing steps	2 Std.	Sa 08.12.07	Mi 12.12.07	0%





**Data Preparation
reviewing!**

Until Next Report: Planned

- Reviewing Data Preparation Phase (!)
- Documenting steps of Data Preparation
- Create new SQL Server Analysis Project
- Identify Fact and Dimensions within your data
- Build an OLAP Pivot Report using Excel
- Create New Mining Structure using the Data Mining Wizard

Risks

- Bad quality of results
 - Description: Lack of verification methods within team
 - Action plan: Reviewing of each completed phase
 - Status: High
 - Responsible: project team

Risks

- Intercommunication within the project team
 - Description: Lack of communication
 - Action plan: Regular reporting E-Mails
 - Status: Average
 - Responsible: project leader
- Wrong time prediction
 - Description: Wrong scheduling, Spanish members only being able to contribute on weekends
 - Action plan: adding resources, project manager
 - Status: High
 - Responsible: whole team

QA Status

- Regular Reporting E-Mails
 - Keep team members on track
 - Double check of results
 - Allows additional improvements through members
- Constant updates to Time Plan
 - Flexible time allocation
- Backups
 - Comparison to former results
 - Security



thank you for your attention!

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