# **Data Warehousing Free Data Mining and OLAP Solutions**

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Temakor: Business Intelligence - Intelligent Systems

First               The possible development directions for data mining solutions are one

within your company / organization

Second               -OLAP technology solutions

feasibility analysis

Third               OLAP, data mining

the.               Information Technology Architecture Solutions:

i.               Data warehousing, market leading manufacturers (ORACLE, etc.)

ii.               Database Managers (ORACLE, MS-SQL, etc.).

iii.               Extracting data, transferring it to other devices eventually

processing in EXCEL

b.               Fields of data mining

c.               OLAP and multi-dimensional data structures

d.               Business applications for data mining

4th               Robust, reliable, and costly data warehouse based solutions

as well as the opportunities for SMEs (small and medium-sized enterprises)

available for low cost, but effective, effective solutions.

5th               Open source endpoints, components (JAVA, etc.) that are

they can help solve tasks, design a prototype:

the.               Develop a plan for databases containing important data.

b.               Architecture Plan (see TOGAF, SOA, Web Services).

c.               System design (SSADM, UML), program design solves the task

prototype.

First               István Borgulya: Neural Networks and Fuzzy Systems Dialogue

Campus Publisher [1998]

Second               r publisher, Budapest [1998] Hunyadi - Mundruczó - Debate:

Statistics

Third               Aula kiadó [2002] Eszter Szakács: In sync with small and

with the needs of medium-sized businesses - Customer Relationships

4th               Data Warehousing Horizons: Not Just Operational

Collaborative - by Brian Beck

and Jack Summer (http://dmreview.com/master.cfm?NavID=198&EdID=3956)

5th               Operational and Analytical Technologies for Optimizing Your CRM

System - by Nancy

Zurrel (http://dmreview.com/master.cfm?NavID=198&EdID=459

6th               About OLAP in general

(technet.netacademia.net/20001k/pdf/olap.pdf)

7th               Other sources SAS Institute Ltd. publications

8th               Finding the Solution to Data Mining - Exploring the Features and

Components of Enterprise Miner, Release 4.1 from SAS Customer Relationship

Management in Banking - Key Challenges Facing Banking Executives - A SAS

White Paper

9th               Coar, K. (July 7, 2006). The Open Source Definition. Download

Date: January 9, 2009 Source: Open Source Initiative Website:

http://opensource.org/docs/osd

10th               Cser, L., & Fajszi, B. (2004). Business knowledge in depth -

Employees of data mining. Budapest: BMGE GTK Information and

Department of Knowledge Management.

11th               DiBona, C., Ockman, S., & Stone, M. (1999). Open Sources:

Voices from the Open Source Revolution. Sebastopol: O'Reilly Media.

12th               Fogel, K. (2005). Producing Open Source Software. Sebastopol,

California: O'Reilly Media.

13th               Free Software Foundation, Inc. (March 11, 2010). Some

Confusing or Loaded Words and Phrases That Are Worth Avoiding. Download

date: April 24, 2010, source: GNU Project Website:

http://www.gnu.org/philosophy/words-to-avoid.html#Freeware

14th               Gonzalez-Barahona, JM (April 2000). Free Software / Open

Source: Information Society Opportunities for Europe? Date modified:

April 24, 2010, source: http://eu.conecta.it/paper/paper.html

15th               Han, J., & Kamber, M. (2004). Data Mining. Budapest: Panem

Publisher.

16th               Inmon, WH (2002). Building the Data Warehouse. New York:

Wiley, Third edition.

17th               Jánosa, A. (2010). Business intelligence applications. Budapest:

Computerbooks.

18th               JasperSoft. (2010). SaaS Business Intelligence. Download

date: April 7, 2010, source: JasperSoft Web site:

http://www.jaspersoft.com/saas

19th               KDnuggets.com. (2009). KDnuggets.com. Download date: 2010.

April 12, Source Data Mining Tools Used Poll (May 2009):

http://www.kdnuggets.com/polls/2009/data-mining-tools-used.htm

20th               Kő, A. (2007). Business Intelligence. In E. Sántáné-Tóth,

Decision support systems. Panem Publishing.

21st               Ledbetter, L. (March 1, 2007). Oracle Buys Enterprise

Hyperion Performance Management Leader. Created on: April 2010

24, source: Oracle Company Website:

http://www.oracle.com/corporate/press/2007\_mar/hyperion.html

22nd               Opensource.org. (without date). Open Source Case for Business.

Download date: April 21, 2010, source: Open Source Initiative Web

site: http://www.opensource.org/advocacy/case\_for\_business.php

23rd               Oracle Inc. (2010). Oracle Enterprise Performance Management

and Business Intelligence. Download date: April 24, 2010, source:

Oracle Corporate Website:

http://www.oracle.com/us/solutions/ent-performance-bi/index.htm

24th               Pentaho Inc., 14 October 2008. Pentaho Product Comparision.

Download Date: April 24, 2010, source: Pentaho Corporate Website:

http://www.pentaho.com/docs/pentaho\_editions\_feature\_comparison.pdf

25th               Pentaho Inc. (2008). Pentaho Product Overview. Date modified:

April 24, 2010, source: Pentaho Corporate Website:

http://www.pentaho.com/docs/pentaho\_overview\_brochure.pdf

26th               Peters, S. (March 25, 2008). OpenLogic survey debunks myths

about open source software. Download date: April 24, 2010, source:

Openlogic Inc .:

http://www.openlogic.com/blogs/2008/03/openlogic-survey-debunks-myths-about

-Open-source-software /

27th               Quittner, P. (1993). Database management in practice.

Budapest: Academic publisher.

28th               SPSS Inc. (2009). Real World Predictive Analytics: Putting

analysis into action. Download date: April 24, 2010, source: SPSS

Corporation Website:

http://www.spss.com/media/collateral/solutions/Analysis-Into-Action.pdf

29th               Stallman, R. (January 11, 2010). The GNU project. Download

date: April 24, 2010, source: The GNU project website:

http://www.gnu.org/gnu/the-gnu-project.html

30th               Technology.am. (April 4, 2009). Forrester Surveyed Lots of

Room for Open-Source Growth. Download date: April 7, 2010, source:

Technology.am:

http://www.technology.am/forrester-surveyed-lots-of-room-for-open-source-gr

owth-060724.html