

Learn the best practices & methods on how leading organizations in the world have successfully implemented business intelligence and data warehouse projects successfully

# Strategies & Techniques in Implementing a Successful Business Intelligence Project

## Course Overview

In a today's highly competitive world, the ability to carefully analyze information is key to the company's overall success or failure. By implementing a Business Intelligence project, decision makers and executives can quickly analyze large multidimensional data sets for competitive advantage. When implemented correctly, data warehouse can improve the bottom line performance of the organization.

In this course, participants will gain practical information needed to design, manage, build and use data warehouses for virtually any type of business application. Employing many real-life case studies of data warehouses, the course provides clear guidelines on selecting the right architecture, right methodology and the right modeling techniques to implement Business Intelligence project successfully. The successful delivery of a business intelligence or data warehouse project also requires a combination of strong project management skills and a good understanding of the unique challenges of data warehouse projects. This course is designed to equip delegates with the necessary skills required to effectively manage a Business Intelligence. This course consists of both theoretical and practical sessions and unlike others is vendor neutral and product independent.

## What Will You Learn?

This course is designed to answer the following:

- ◆ Basic concepts of business intelligence and data warehousing
- ◆ Data warehousing & business intelligence development processes
- ◆ Best practices and new Industry trends
- ◆ Basic architectural concepts for business intelligence and data warehousing
- ◆ Various data warehouse architectures and how to select the one suitable for your organization
- ◆ Dependencies between data warehousing architecture and development methodology
- ◆ How to assess the time-to-delivery implications of various methodologies
- ◆ Project management implications of various approaches
- ◆ How to determine the best-fit architecture and methodology for your data warehousing program
- ◆ Critical success factors & risks

## Date

- ◆ 17th—19th  
October 2011

## Venue

- ◆ Marriott Hotel,  
Jakarta, Indonesia

## Who Should Attend?

- ◆ BI/DW Project Managers
- ◆ BI/DW Developers
- ◆ BI/DW Consultants
- ◆ BI/DW Architects

## Duration

- ◆ 3 days with practical sessions



### SPECIAL BONUS !!

Get more than 20+ best practice Business Intelligence templates and supporting documentations that you can use for your data warehouse project instantly.

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## Course Content

### ❖ Overview, Concepts & Architecture

- ◇ Definitions and Industry Terminologies
- ◇ Business justification for Data Warehouse
- ◇ Architectural concepts for business intelligence and data warehousing
- ◇ Hub-and-spoke, federated, and independent architectures
- ◇ Data Warehouse and Data Staging
- ◇ Dependent and Independent Data marts
- ◇ Extract, transform, load (ETL) Concepts and Principles
- ◇ Understanding OLAP, ROLAP and MOLAP
- ◇ Choosing the right data warehousing approach for your organization
- ◇ Logical design vs. Physical design
- ◇ Data cleaning techniques
- ◇ Meta-data management
- ◇ SOA concepts in Data Warehouse

### ❖ Methodologies, Implementation Process & Project Management

- ◇ Data warehousing & business intelligence development processes
- ◇ Scoping your Business Intelligence requirements
- ◇ Top-down, bottom-up, and hybrid data warehousing methodologies

- ◇ Time boxing data warehouse project
- ◇ Project Management and Implementation Methodology
- ◇ Data warehousing roles and responsibilities
- ◇ Mitigating risk in data warehousing projects
- ◇ Case Studies & Lessons Learned

### ❖ Data Modeling Techniques

- ◇ Dimensional vs Normalized modeling design
- ◇ Star Schema and Snowflake design
- ◇ Slowly changing dimensions
- ◇ Multi-valued dimensions
- ◇ Fact table delivery

### ❖ Managing Performance of Data Warehouse

- ◇ Running Complex Queries
- ◇ Data warehouse database performance design
- ◇ De-normalization Techniques
- ◇ Physical design considerations

### ❖ Selecting the right Business Intelligence Software/ Tool for your environment

- ◇ Dashboard, OLAP and Reporting Tool
- ◇ ETL/ELT and Data Cleansing Tools

## About Knowledge Discovery Sdn Bhd

Knowledge Discovery Sdn Bhd (K-Base) specializes in Business Intelligence (BI) & Data Warehouse (DW) with more than 10 years of proven track record. To begin with, we're Experts in Data Warehousing. Not only do we train others; we consult and help our clients deliver large and complex data warehousing projects. Training with K-Base isn't about theory; it's about Real Challenges, Real Issues and Real People. We help organizations and individuals understand the realities of data warehousing and business intelligence projects. When you come on a K-Base course don't expect to sit back and take it easy! Our courses are hands-on, they're interactive and they'll provide you with practical skills that you can apply when you return back to the real world of implementing data warehousing solutions. Our Data Warehouse courses have been developed by practitioners with extensive industry experience. Upon completing the 3 days technical course, delegates can attend the optional 2 days CBIP Exam Preparation Course organized by K-Base, which prepares the delegates to sit for the CBIP Examination.

## Certificate of Business Intelligence Professional



Participants can optionally sit for international Business Intelligence examination to seek recognized Certificate of Business Intelligence Professional (CBIP). The CBIP certificate is jointly offered by The Data Warehouse Institute (TDWI) based in Seattle, USA and Institute of Certification of Computing Professionals (ICCP) based in Illinois, USA. CBIP is industry's most credible and distinguished certification Program. K-Base can assist in organizing delegates to sit for examination which is moderated directly by TDWI and ICCP jointly. Before sitting for the examination, it is recommended that delegates purchase the Sample Examination questionnaires guide from CBIP or TDWI online.

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## Trainer's Profile



Subra Suppiah MBA, BSc (Comp Sc) has more than 23 years experience in the Information Technology consulting specializing in Enterprise Data Warehouse, Business Intelligence, Predictive Data Mining, Enterprise Data Integration, Enterprise Information Architecture and Performance Management. He has been pioneering in the Data Warehousing industry particularly in the Financial and Telecommunications for more than 16 years.

He has served various capacities in large multinational organization such as Tera-data, NCR, ORACLE, Computer Associates and Price Waterhouse. He was Practice Partner for Data Warehouse for South East Asia and Principal Consultant for Asia Pacific. Subra has consulted, trained, and implemented projects in numerous organization in Asia Pacific such as NTT Japan, Alstom Powers, Telekom Malaysia, Bank of Tokyo, Vodaphone Australia, Optus Australia, Vodafone Australia, Starhub Singapore, Digitel Telecommunication Philippines, Globe Telecommunication Philippines and Far East Telecommunication, Taiwan to mention a few. He also served Oracle as Principal Consultant where he consulted and taught Database Design and Data Modeling courses. Subra to his credit has filed several patents in Decision Support field using Belief Models for Telecommunication Industry. Subra is member of The Data Warehouse Institute (USA) and a Governing Council member & Director of Programmes for Project Management Institute, Malaysia Chapter (PMI-MY).

## Testimonials:

*"This is the first time I attended a course where various concepts, architectures and methodologies were presented and discussed in detail to help ensure a successful implementation of Data Warehouse. I could see from the lively interaction in the class that the deliberation was interesting and though provoking, while hands-on exercises were also effective to further strengthen our knowledge. I conclude that this training/course is highly valuable!"*

**Program Director,  
Enterprise Data Warehouse and Business  
Intelligence,  
TELEKOM MALAYSIA BHD**

*"This training has improved my understanding on DW & BI a lot. More than I expected. The trainer are really good and the learning environment is really suitable."*

**Senior Researcher,  
Nurul Haszeli Ahmad  
MIMOS Berhad**

*"A very informative course on the industry standards of implementing Data Warehouse project."*

**IT Officer  
Wan Ahmad Muzzammil Arief Bin Wan  
Mohd Mahidin  
RISDA**

## Partial List of Clients:



# Strategies & Techniques in Implementing a Successful Business Intelligence Project

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## Delegates

Name \_\_\_\_\_  
Job Title \_\_\_\_\_  
Tel / Mobile \_\_\_\_\_  
E-Mail \_\_\_\_\_

Name \_\_\_\_\_  
Job Title \_\_\_\_\_  
Tel / Mobile \_\_\_\_\_  
E-Mail \_\_\_\_\_

Name \_\_\_\_\_  
Job Title \_\_\_\_\_  
Tel / Mobile \_\_\_\_\_  
E-Mail \_\_\_\_\_

## Organization

Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
Address \_\_\_\_\_

## Authorization

Name \_\_\_\_\_  
Job Title \_\_\_\_\_  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

## Contact Person

Name \_\_\_\_\_  
Job Title \_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
E-mail \_\_\_\_\_

## Registration Form

Please complete this form immediately and fax back to:  
**Fax: +603 7880-6755**

### Contact Us

**Name: Sulaiman Sheriff**  
**Tel: + 603 – 7880-9894 Fax: + 603 - 7880-6755**

**Email: [behlul@kbase.com](mailto:behlul@kbase.com) | Website: [www.kbase.com](http://www.kbase.com)**

### Payment Details

Payment is required within 5 days upon receipt of the invoice.

#### i. Bank transfer: Knowledge Discovery (M) Sdn Bhd

Bank: **Al-Rajhi Bank Subang Jaya Branch**  
Account No: **12800 – 1080 610974**

Swift Code: **RJHIMYKL**

All payments must be received prior to the event date

Credit Card:  VISA    Mastercard    (Please Circle)

Name on the Card: \_\_\_\_\_

Credit Card No: \_\_\_\_\_

Card Verification Code: \_\_\_\_\_

(Last 3 numbers below the magnetic bar at the back of the Card)

Expiry date: \_\_\_\_\_

Signature: \_\_\_\_\_

NOTE: Please send a copy (front & back) of your credit card as well

#### Confirmation details

Joining details confirming your participation will be sent, once a registration has been received. After receiving payment a receipt will be issued. For hotel bookings please contact Mr. Behlul @+603 7880-0755 and quote K-Base' event to take advantage of the corporate rate

#### Event Venue

Hotel Name: **Marriott Hotel, Jakarta**  
Hotel Address: **Jalan Lingkar Mega Kuningan Kav E 1.2 No 1&2 · Jakarta, 12950 Indonesia**  
Tel No: **62-21-57988888**

For hotel accommodation reservations, please contact the hotel directly. Please note that hotel rooms are available on a first come first serve basis.

#### Cancellations/Substitutions

Substitutions are welcome at any time. Please notify us at least 2 working days prior to the event. All cancellations will carry a 10% cancellation fee, once a registration form is received. All cancellations must be in writing by fax or e-mail at least 7 working days before the event date. Cancellations with less than 7 working days prior to the event date carry a 100% liability. However, course materials will still be couriered to you.

Workshop	Regular Fee per delegate	Silver Offer (5% Off - Book & Pay 1 month before the training date)	Group Fees (3 delegates or above)
<b>Strategies &amp; Techniques in Implementing a Successful Business Intelligence Project</b>	U.S.D. 2,495	U.S.D. 2,370	U.S.D. 2,245