2020

YOUR TEAM
OUR INSTRUCTORS
ANYWHERE, ANYTIME

tdwi.org/OnsiteTraining

KEY BENEFITS OF
ONSITE EDUCATION

TDWI Onsite Education offers world-class training conducted at your location or via a virtual classroom, saving you travel expenses and keeping productivity high. From fundamental courses to advanced techniques, plus prep and exams for the Certified Business Intelligence Professional (CBIP) certification—we bring the training you need directly to your team.

- Advance project goals by giving your team a shared experience and common understanding of core concepts and industry best practices

- Learn from data and analytics practitioners who bring real-world experience and industry expertise to every class

- Tailor training to incorporate your specific needs, people, projects, processes, and data

- Build training into your project schedules with just-in-time training from TDWI

- Keep your organization and teams up to speed on the rapidly changing world of data and analytics without having to take time out of the office

YVONNE BAHO

As director of TDWI Enterprise Learning, Yvonne has over 20 years of experience helping organizations worldwide reach their training objectives.

Are you ready to take the first step in getting your team on track with their training goals?

TO SCHEDULE YOUR CONSULTATION, CONTACT:

Yvonne Baho
Director of
Enterprise Learning
TDWI

978.582.7105
ybaho@tdwi.org

ONSITE EDUCATION

CONTENTS

WORLDWIDE TRAINING

TDWI has brought our Onsite Education programs to countries around the globe.

PLACES WE'VE BEEN

ALGERIA	DOMINICAN REPUBLIC	MALAYSIA	SLOVENIA
ARGENTINA	EGYPT	MEXICO	SOUTH AFRICA
AUSTRALIA	ESTONIA	NEW ZEALAND	SPAIN
AUSTRIA	FINLAND	NIGERIA	SWEDEN
BRAZIL	FRANCE	NORWAY	TRINIDAD & TOBAGO
CANADA	GERMANY	PANAMA	TURKEY
CZECH REPUBLIC	INDIA	PARAGUAY	UNITED ARAB EMIRATES
COLOMBIA	IRELAND	POLAND	UNITED KINGDOM
COSTA RICA	ISRAEL	SAUDI ARABIA	UNITED STATES
DENMARK	JAMAICA	SINGAPORE	VIETNAM

TDWI ONSITE INSTRUCTORS

TDWI instructors are carefully selected, rigorously qualified, and routinely measured and observed to ensure that they sustain the highest standards for professional education. We require our instructors to have extensive BI experience and demonstrated teaching skills.

In addition, all instructors are current practitioners who bring their real-world experience to every class. See for yourself the difference a TDWI "guru" can make for your team!

Chris Adamson, CBIP
Principal & CEO
Oakton Software, LLC

Andrew Cardno
Inventor in Residence
Strong Force Capital

Steve Dine, CBIP
Managing Partner
Datasource Consulting

Aaron Fuller, CBIP
Principal and Owner
Superior Data Strategies, LLC

Will Henry
Owner
Henry Analytics

Richard Hines
Analytics Consultant and Educator

Nick Kelly
Principal
G&K Consulting

Krish Krishnan
CEO
Sixth Sense Advisors

Deanne Larson, D.M., CBIP
President
Larson & Associates

Evan Levy, CBIP
Partner
Integral Data, LLC

Keith McCormick
Senior Consultant and Trainer
The Modeling Agency, LLC

Mark Peco, CBIP
BI Consultant and Instructor

Laura Reeves
Principal
StarSoft Solutions, Inc.

INSTRUCTOR INDUSTRY EXPERIENCE

- Retail/Wholesale/Distribution
- Healthcare
- Insurance
- Financial Services
- Government
- Education

- Telecommunications
- Manufacturing
- Utilities
- Advertising/Marketing/ Public Relations
- Media/Entertainment/Publishing

- Software/Internet
- Chemical/Petroleum
- Pharmaceuticals
- Aerospace

WORKSHOPS

TDWI's workshops address the top challenges organizations are facing. Bring your team's data and analytics practices up to speed in just three days of in-depth, interactive training. Each workshop includes customized activities working with your unique people, projects, processes, and data.

CHOOSE THE TDWI 3-DAY WORKSHOP THAT'S RIGHT FOR YOU.

- Essential Skills for BI and Analytics Professionals

- Must-Have Skills for Modern Data Modeling

- Dimensional Data Modeling Skills—A Deep Dive

- Developing Your Company's Data Strategy

- Data Governance Skills for the 21st Century

- Visualization and Storytelling—Advanced Skills for Communicating with Data

- Data Visualization, Dashboards & Analytics Adoption

- Predictive Analytics Skills for Teams: A Framework for Driving Results

- Hands-on: Data Analysis and Machine Learning with Python

- Building the In-Demand Skills for Analytics and Data Science

"I found the information to be incredibly valuable, and I hope that it will help guide my folks as we move forward. Personally, I believe it will help me to guide our project in a better direction, and it has prepared me with ammunition to ask better questions."

Luke G.,

Training Manager

→ DID YOU KNOW?
YOU CAN MIX AND MATCH COURSES TO CREATE YOUR UNIQUE LEARNING EXPERIENCE
CONTACT YVONNE TO LEARN MORE.
ybaho@tdwi.org

We offer high-quality, vendor-neutral analytics and business intelligence education on everything from foundational skills to cutting-edge topics, as well as from leadership strategies to CBIP certification. Our broad selection of topics allows you to mix and match courses to create a custom learning experience that can be tailored to meet the specific needs of your organization.

BUSINESS INTELLIGENCE

- TDWI Business Intelligence and Analytics Foundations: Charting the Course to Data-Driven Success

- TDWI Business Intelligence and Analytics Architecture

- TDWI Project Management for Business Intelligence

- TDWI Requirements Gathering: Correct and Complete Requirements for BI and Analytics Systems

- TDWI Information Dashboard Design: Dashboard Development and Performance Management

- TDWI BI Program Management: A Competency Center Approach to BI Excellence

- Dashboard Design and Adoption: Aligning Analytics for Actionable Insight

- Agile BI & Analytics: Value-Driven Data Warehousing and BI

- Agile BI & Analytics: Road Mapping, Chartering, and Release Planning

- Agile BI & Analytics: Just Enough Design, Data Modeling with Agility

- Agile BI & Analytics: Test Automation and Test-Driven Database Development

DATA MODELING

- TDWI Data Modeling: Data Analysis and Design for BI and Data Warehousing Systems

- TDWI Advanced Data Modeling Techniques

- TDWI Dimensional Data Modeling Primer: From Requirements to Business Analysis

- Advanced Dimensional Modeling: Techniques for Practitioners

- The Dimensional Model Refactored: New Techniques for the 21st Century

- Data Modeling in the Age of Big Data

- Dimensional Modeling from a Business Perspective: A Model the Business Can Understand

BUSINESS ANALYTICS

- TDWI Analytics Principles & Practices
- TDWI Data Visualization Principles & Practices
- TDWI Developing Data Analytics Literacy Workshop
- Data Storytelling for Business Impact
- Data Understanding and Preparation for Business Analytics
- The UX of Analytics: Using Data Visualization to Drive Insight and Adoption

PREDICTIVE ANALYTICS & DATA SCIENCE

- TDWI Predictive Analytics Principles and Practices
- Serious Play for Predictive Analytics: What Works, What Doesn't, and Why
- Putting Predictive Analytics to Work: A Practitioner's View of Common Technical Issues and Solutions
- Data Preparation for Predictive Analytics
- Predictive Analytics: Low-Risk/High-Impact Implementation
- Data Analytics Boot Camp
- Machine & Deep Learning: Delivering Insights from Big Data
- Advanced Analytics: Leveraging Data Science and Machine Learning Techniques to Gain Data Insights
- Introduction to Data Science Methodology
- Introduction to Data Wrangling
- Introduction to Machine Learning
- Machine Learning in R
- Supervised Machine Learning: Preparing Data & Deploying Analytic Models for Classification & Prediction
- Unsupervised Machine Learning: Preparing Data & Deploying Analytic Models for Clustering & Association
- Predictive Modeling with Ensembles: Advanced Techniques for Deeper Insights
- Decision Trees in Machine Learning: Building Explainable Models

INFRASTRUCTURES & TECHNOLOGIES

- TDWI Data Virtualization: Solving Complex Data Integration Challenges

- TDWI Data Warehouse Automation: Better, Faster, Cheaper…You Can Have It All

- The Modern Data Warehouse: Platforms, Infrastructure, and Application Delivery

- Architecting a Big Data Infrastructure for Modern Analytics

- Data Warehousing in the Cloud

- Big Data Roadmap

- Distributed Computing: Hadoop and NoSQL

- Advanced Hadoop: Delivering Business Value

- Data Warehousing in the Age of Analytics and Big Data

- Introduction to Cloud Databases

- Introduction to Big Data Databases: Graph Databases

- Big Database Technologies: From NoSQL to NewSQL and from Hadoop to Spark

- Introduction to Blockchain

LEADERSHIP & MANAGEMENT

- TDWI BI and Analytics Executive Briefing

- TDWI BI Program Management: A Competency Center Approach to BI Excellence

- TDWI Project Management for Business Intelligence

- BI and Analytics Organizations that Work: Resolving the Conflicts of Centralization and Self-Service

- Building Your Company's Data Strategy

- Data Strategy: The Analytics and Data Warehouse Plan

"I appreciated the instructor's method of presenting concepts where multiple points of view are held."

Jeff B.
Director, Maintenance Information Systems

DATA MANAGEMENT

- TDWI Data Governance Principles & Practices: Managing Data as an Asset

- TDWI Data Quality Management: Techniques for Data Profiling, Assessment, and Improvement

- TDWI Data Integration Principles and Practices: Creating Information Unity from Data Disparity

- TDWI Data Integration Techniques: ETL and Alternatives for Data Consolidation

- TDWI Big Data Fundamentals: Creating Value from Nontraditional Data Sets

- TDWI Master Data Management Fundamentals

- Introduction to Data Engineering

- Evolving Information Architecture

HANDS-ON COURSES

TDWI's hands-on courses focus on delivering practical demonstration and experiential learning on the most important tools and programming languages. You will leave our hands-on courses with tangible assets—a concrete line of code or a project framework—as a starting point for applying your new skills. Access to a laptop computer and internet connection are required for each student.

- Hands-on Machine Learning with TensorFlow

- Hands-on Data Science in R

- Hands-on Applied Machine Learning in R

- Hands-on Machine Learning in R: Advanced Techniques

- Hands-on Data Analysis with Python

- Hands-on Machine Learning with Python

- Hands-on Data Manipulation and Cleaning in Python

- Hands-on Distributed Computing with Hadoop

- Hands-on with Graph Databases

→ **READY TO DIVE DEEPER?**
COURSE OUTLINES ARE AVAILABLE FOR DOWNLOAD
ON OUR WEBSITE.
tdwi.org/OnsiteTraining

Certify Your Entire Team

TDWI Onsite Education brings instructors, exam prep courses, and the CBIP examinations to your location or via virtual classroom with a package tailored to your team's needs. Onsite training accelerates the certification process and improves overall exam performance—without the expense of sending staff out of the office to prepare and test.

CBIP TRAINING PACKAGES

TDWI Onsite offers training packages for teams, which combine recommended TDWI courses with CBIP exam preparation courses. Training packages may be customized to fit the specific needs of your group.

INFORMATION SYSTEMS CORE EXAM AND DATA FOUNDATIONS EXAM PREPARATION

TWO-DAY PACKAGE INCLUDES:

- ■ TDWI Business Intelligence and Analytics Foundations
- ■ CBIP Preparation for the Information Systems Core Exam
- ■ CBIP Preparation for the Data Foundations Exam

LEADERSHIP AND MANAGEMENT SPECIALTY PREPARATION

TWO-DAY PACKAGE INCLUDES:

- ■ TDWI BI Program Management
- ■ CBIP Preparation for the Management Exam

DATA INTEGRATION SPECIALTY PREPARATION

TWO-DAY PACKAGE INCLUDES:

- ■ TDWI Data Integration Principles and Practices
- ■ CBIP Preparation for the Data Integration Exam

BUSINESS ANALYTICS SPECIALTY PREPARATION

THREE-DAY PACKAGE INCLUDES:

- ■ TDWI Analytics Principles and Practices
- ■ TDWI Information Dashboard Design
- ■ CBIP Preparation for the Business Analytics Exam

DATA ANALYSIS AND DESIGN SPECIALTY PREPARATION

THREE-DAY PACKAGE INCLUDES:

- ■ TDWI Data Modeling
- ■ TDWI Dimensional Data Modeling Primer
- ■ CBIP Preparation for the Data Management Exam

CERTIFICATION REQUIRES PASSING THREE EXAMS

Take two mandatory exams and choose one specialty area exam.

MANDATORY EXAMS

Data Foundations Exam

Choose One:

Information Systems Core Exam

Business Core Exam

SPECIALTY AREA EXAMS

Management Exam
(Leadership and Management specialty)

Business Intelligence and Analytics Exam

Data Management Exam
(Data Analysis and Design specialty)

Data Integration and Interoperability Exam

FOR MORE INFORMATION ON SPECIALTY AREA EXAMS, VISIT:

tdwi.org/CBIP