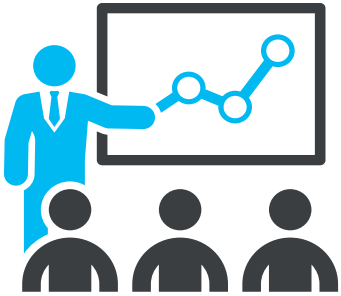




**tdwi**  
**VIRTUAL**  
**TEAM TRAINING**

**YOUR TEAM**  
**OUR INSTRUCTORS**  
**ANYWHERE, ANYTIME**

[tdwi.org/OnsiteTraining](http://tdwi.org/OnsiteTraining)



## KEY BENEFITS

TDWI 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](mailto:ybaho@tdwi.org)



# VIRTUAL TEAM TRAINING

## CONTENTS

|   |            |
|---|------------|
| <b>Worldwide Training</b> .....           | <b>2</b>   |
| <b>TDWI Instructors</b> .....             | <b>3</b>   |
| <b>Workshops</b> .....                    | <b>4</b>   |
| <b>Course Categories</b> .....            | <b>5–8</b> |
| Business Intelligence .....               | 5          |
| Data Modeling .....                       | 5          |
| Business Analytics .....                  | 6          |
| Predictive Analytics & Data Science ..... | 6          |
| Infrastructures & Technologies .....      | 7          |
| Leadership & Management.....              | 7          |
| Data Management.....                      | 8          |
| Hands-on Courses .....                    | 8          |
| <b>CBIP</b> .....                         | <b>9</b>   |

# WORLDWIDE TRAINING

TDWI has brought our education programs to countries around the globe.



## PLACES WE'VE BEEN

ALGERIA  
ARGENTINA  
AUSTRALIA  
AUSTRIA  
BRAZIL  
CANADA  
CZECH REPUBLIC  
COLOMBIA  
COSTA RICA  
DENMARK

DOMINICAN REPUBLIC  
EGYPT  
ESTONIA  
FINLAND  
FRANCE  
GERMANY  
INDIA  
IRELAND  
ISRAEL  
JAMAICA

MALAYSIA  
MEXICO  
NEW ZEALAND  
NIGERIA  
NORWAY  
PANAMA  
PARAGUAY  
POLAND  
SAUDI ARABIA  
SINGAPORE

SLOVENIA  
SOUTH AFRICA  
SPAIN  
SWEDEN  
TRINIDAD & TOBAGO  
TURKEY  
UNITED ARAB EMIRATES  
UNITED KINGDOM  
UNITED STATES  
VIETNAM

# TDWI 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*



**Paul Flach**

*Senior Management Consultant  
Lyceum Group*



**Will Henry**

*Owner  
Henry Analytics*



**Richard Hines**

*Analytics Consultant and Educator*



**Nick Kelly**

*Principal  
G&K Consulting*



**Krish Krishnan**

*CEO  
Sixth Sense Advisors*



**David Langer**

*VP of Analytics  
Schedulicity*



**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*

## 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
- TDWI Data Science Bootcamp
- 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](mailto:ybaho@tdwi.org)

## COURSE CATEGORIES

**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 COURSES

- 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

### DATA MODELING COURSES

- TDWI Data Modeling: Data Analysis and Design for BI and Analytics Solutions
- 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

## BUSINESS ANALYTICS COURSES

---

- 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 COURSES

---

- 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 COURSES

---

- 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
- Cloud Migration Workshop: A Surgical Approach for Maximum ROI

## LEADERSHIP & MANAGEMENT COURSES

---

- TDWI BI and Analytics Executive Briefing
- TDWI BI Program Management: A Competency Center Approach to BI Excellence
- TDWI Project Management for Business Intelligence
- Building Your Company's Data Strategy
- Data Strategy: The Analytics and Data Warehouse Plan
- Cloud Migration Workshop: A Surgical Approach for Maximum ROI

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

Jeff B.  
Director, Maintenance Information Systems

## DATA MANAGEMENT COURSES

---

- 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
- Data Privacy and Protection Fundamentals

## 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: Business Analysis for Everyone with Excel—Becoming a Data Detective Made Easy
- Hands-on Applied Machine Learning in R
- Predictive Analytics with Excel—Linear Regression Made Easy
- Hands-on Machine Learning in R: Advanced Techniques
- Hands-on Machine Learning Made Easy
- 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

## Certify Your Entire Team

TDWI 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. Our 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 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](https://tdwi.org/CBIP)



For more than 20 years, TDWI has been raising the intelligence of data leaders and their teams with in-depth, applicable education and research, and an engaged worldwide membership community. Accelerate the success of your data management and analytics projects—and your career—with TDWI.

#### Experience the TDWI Difference:

- 20 Years of Excellence in All Things Data
- Community of Learning
- In-Depth, Vendor-Agnostic Education
- Quality, Vetted Instructors
- Immediate Impact

#### NETWORK WITH TDWI

 [tdwi.org/facebook](http://tdwi.org/facebook)     [tdwi.org/linkedin](http://tdwi.org/linkedin)     [tdwi.org/twitter](http://tdwi.org/twitter)

For more information, visit:  
**[tdwi.org/OnsiteTraining](http://tdwi.org/OnsiteTraining)**



**TDWI**  
555 S. Renton Village Place, Ste. 700  
Renton, WA 98057