



BI Reporting Tools Master's Course

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About the Program

Our BI Reporting certification master's program lets you gain proficiency in the top BI Reporting tools. The BI Reporting tools included here are QlikView, Spotfire, Tableau, Cognos, Cognos Insight, Pentaho, Jaspersoft, MicroStrategy, Hyperion, and SSRS. You will also work on projects in data visualization, deploying dashboards, analytics, reports for deriving business insights, etc.

About Intellipaate

Intellipaate is one of the leading e-learning training providers with more than 600,000 learners across 55+ countries. We are on a mission to democratize education as we believe that everyone has the right to quality education.

Our courses are delivered by subject matter experts from top MNCs, and our world-class pedagogy enables learners to quickly learn difficult topics in no time. Our 24/7 technical support and career services will help them jump-start their careers in their dream companies.



At Intellipaate, we are in a constant endeavor of changing the education culture to be more of an open-source collaborative environment.

Key Features



**195 HRS INSTRUCTOR-LED
TRAINING**



**195 HRS SELF-PACED
TRAINING**



**390 HRS REAL-TIME
PROJECT WORK**



LIFETIME ACCESS



24/7 TECHNICAL SUPPORT



**INDUSTRY-RECOGNIZED
CERTIFICATION**



**JOB ASSISTANCE THROUGH
80+ CORPORATE TIE-UPS**



FLEXIBLE SCHEDULING

Career Support



SESSIONS WITH INDUSTRY MENTORS

Attend sessions from top industry experts and get guidance on how to boost your career growth



MOCK INTERVIEWS

Mock interviews to make you prepare for cracking interviews by top employers



GUARANTEED INTERVIEWS & JOB SUPPORT

Get interviewed by our 400+ hiring partners



RESUME PREPARATION

Get assistance in creating a world-class resume from our career services team



Why take up this course?

The diverse range of Business Intelligence, analytics, reporting, and data visualization tools included in this course will help you master every aspect of the Business Intelligence process, along with the ability to work in any industry domain. You will be proficient in integrating the results of the multiple Business Intelligence tools with other technologies to achieve larger business goals of any organization. Upon the completion of the training, you will be rightly in a position to clear the official certification exams, apply for suitable job profiles, and command top salaries.

Who should take up this training?

- Business Intelligence, Analytics, and Reporting Professionals
- IT Developers, Testers, Project Managers, Data Scientists, and Statisticians

Courses Offered

SELF-PACED LEARNING COURSES

1. QlikView
2. Spotfire
3. Tableau
4. Cognos
5. Cognos Insight
6. Pentaho
7. Jaspersoft
8. MicroStrategy
9. Hyperion
10. SSRS

Course Advisors



Suresh Paritala

Solutions Architect at Microsoft, Texas

A Senior Software Architect at Microsoft, Texas, who has previously worked with IBM Corporation, Suresh Paritala has worked on Big Data, Data Science, Advanced Analytics, Internet of Things, and Azure, along with AI domains like Machine Learning and Deep Learning. He has successfully implemented high-impact projects in major corporations around the world.



David Callaghan

Big Data Strategist and Solutions Architect, Perficient, USA

An experienced Blockchain professional, who has been bringing integrated Blockchain, particularly Hyperledger and Ethereum, and Big Data solutions to the cloud, David Callaghan has previously worked on Hadoop, AWS Cloud, Big Data, and Pentaho projects that have had a major impact on the revenues of marquee brands around the world.



Samanth Reddy

Data Scientist at ASCAP

A renowned Data Scientist who has worked with Google and is currently working at ASCAP, Samanth Reddy has a proven ability to develop Data Science strategies that have a high impact on the revenues of various organizations. He comes with strong Data Science expertise and has created decisive Data Science strategies for Fortune 500 corporations.

Program Curriculum

QlikView

Learning Objective

Our QlikView Server administration certification training course will let you master QlikView administration. We provide the best online classes to help you learn QlikView architecture, installation, configuration, publisher, distribution services, etc. You will work on real-world projects during the course.

Topics:

- Introduction to QlikView
- QlikView Products
- Introduction to Data and Scripting
- Loading Data from the Database
- Structuring the Script
- Basic Data Model and Table Viewer
- Data Relationships
- Data Modeling Considerations
- QlikView Data (QVD) Files
- Creating a Master Calendar
- QlikView Security
- Handling Null Values
- Sheets and Sheet Objects
- The List Box
- The Table Box
- The Multi Box
- The Button and Text Objects
- Charts
- Multi-dimensional Charts and Pivot Tables
- Gauges

- Other Sheet Objects
- Additional Editing in Layout
- Uses of Expressions
- The Settings Menu
- QlikView Functions
- Ad-hoc Reports and Bookmarks
- Layout Themes
- Extensions
- Set Analysis
- Alternate States
- What-IF Analysis
- Server Installation and Deployment

Spotfire

Learning Objective

Intellipaats Spotfire training course lets you master TIBCO Spotfire. We provide the best online classes to help you learn Spotfire administration, data visualization, analytics, creating dashboards, working with data tables and data sources, and IronPython scripting. In this course, you will also get to work on real-world industry projects.

Topics:

- TIBCO Spotfire Introduction
- Spotfire Data Table and Data Sources
- Spotfire Data Visualization
- Advanced Visualization and Analysis
- Spotfire Server Features
- Deep Dive into Data Analysis and Organization
- Spotfire Administration
- Predictive Analytics: Map Visualization
- Spotfire Visual Insights

Tableau

Learning Objective

Intellipaats Tableau training will help you master building interactive Tableau dashboards and learning data visualization. This Tableau course will prepare you for the Tableau Desktop Qualified Associate Certification exam. You will learn about Tableau Desktop and Public integration with R and Big Data in this Tableau certification training. The course is best for software developers, systems and IT administrators, and BI experts.

Topics:

- Introduction to Data Visualization and the Power of Tableau
- Architecture of Tableau
- Working with Metadata and Data Blending
- Creation of Sets
- Working with Filters
- Organizing Data and Visual Analytics
- Working with Mapping
- Working with Calculations and Expressions
- Working with Parameters
- Charts and Graphs
- Dashboards and Stories
- Tableau Prep
- Integration of Tableau with R and Hadoop

Cognos

Learning Objective

Intellipaats IBM Cognos TM1 certification training helps you master enterprise reporting, scorecarding, forecasting, planning, and analyzing. You will learn to work with

multidimensional OLAP, TM1 Web, TM1 Turbo Integrator, and advanced modeling techniques through real-time projects.

Topics:

- Overview IBM Cognos Business Intelligence and Cognos BI Architecture
- IBM Cognos Framework Manager Modeling
- New UI Features of Cognos Analytics 11
- Cognos Analytics 11 Data Modules
- Working with Dashboards
- IBM Cognos Advanced Framework Manager and Performance Improvement
- Cognos Report Studio
- Reporting Using Filters, Formatting, and Charts
- Reports Using Prompts and Calculations
- Advanced Report Building Techniques
- Drilling Through Reports
- Advanced Dynamic Reports
- Report Distribution Using Bursting
- Statistical Reports
- Cognos Active Reports
- Active Reports – Multi-dimensional
- Active Reports – Advanced Dimensional Reporting
- Advanced Drilling Techniques
- Transformer – Multi-dimensional Data Modeling
- Transformer – Dynamic Cubes
- Advanced Features in Dynamic Cubes
- Analyzing and Administering Queries
- Advanced Features of Cognos 11
- Storytelling with Cognos 11

Cognos Insight

Learning Objective

Our Cognos BI, TM1, and Insight certification master's program lets you gain proficiency in the Cognos set of tools. You will work on real-world projects in Business Intelligence, reporting, planning, forecasting, and OLAP. You will also learn Cognos framework, architecture, analysis and query studio, TM1 Server, Cubes, Views, Turbo Integrator, and Insight Desktop tool.

Topics:

- Basic Conceptual Architecture of Business Analytics
- Introduction to IBM COGNOS Insight
- Importing Data
- Restructuring Data
- Creating Visualizations
- Constructing a Workspace
- Formatting and Entering Data
- Further Learning Roadmap

Pentaho

Learning Objective

Pentaho training classes from Intellipaate will help you learn the Pentaho BI suite, which covers Pentaho Data Integration, Pentaho Report Designer, Pentaho Mondrian Cubes, and Dashboards. This Pentaho online course will help you prepare for the Pentaho Data Integration exam, and you will work on real-life projects during this course.

Topics:

- Introduction to the Pentaho Tool
- Data Architecture
- Clustering in Pentaho
- Data Transformation
- Pentaho Flow

- Deploying SCD
- Type of Repository in Pentaho
- Pentaho Repository and Report Designing
- Pentaho Dashboard
- Understanding Cubes
- Multi-dimensional Expression
- Pentaho Analyzer
- Pentaho Data Integration (PDI) Development
- Hadoop ETL Connectivity
- Creating Dashboards in Pentaho
- Performance Tuning
- Security

Jaspersoft

Learning Objective

Intellipaats Jaspersoft training course lets you master the Jaspersoft Business Intelligence tool. We provide the best online classes to help you learn about Jaspersoft iReport, Jaspersoft Studio, Server, OLAP, etc., and creating dashboards with Cube, all by working on real-world industry projects.

Topics:

- Jaspersoft Architecture and iReport Introduction
- Creating Basic Reports
- Advanced Reporting Features
- Jaspersoft Customization
- Introduction to JasperServer
- Ad-hoc Reports
- Jaspersoft User Interface
- Jaspersoft Group by Bands

- Jaspersoft Datasource and Graphs
- Jaspersoft Components
- Jaspersoft Advanced Properties
- Jaspersoft Styles
- Jaspersoft Scriptlets
- JFreeCharts in JasperReports
- JR Datasource
- Advanced Features of Jaspersoft Server
- Scheduling of Reports
- Dynamic Jasper and Custom Visualization
- Advanced Dashboard
- Ad-hoc Editor
- Introduction to Cubes and Multi-tenancy
- Performance Tuning

MicroStrategy

Learning Objective

The MicroStrategy training by Intellipaate makes you an expert in the MicroStrategy tool for creating reports and dashboards. In this course, you will learn MicroStrategy architecture and MicroStrategy schema objects through MicroStrategy Web and Desktop. This online MicroStrategy course will prepare you for the MicroStrategy certification.

Topics:

- MicroStrategy Introduction and Installation
- DW and BI Architecture
- Business Intelligence Capability
- Analytical Models
- MicroStrategy Platform Architecture

- MicroStrategy Architecture Flow
- Connectivity and the Data Ecosystems
- Analyzing Data
- Measures and Metrics
- Logical and Physical Warehouse Schema
- Project Source and Creation
- Schema Architect
- Organizing Schema Objects
- Creation of Hierarchies
- Creating Metrics
- Creating Filters
- Creating Prompts
- Search Objects
- Consolidation
- Custom Groups
- Drill Maps
- Partition Mapping
- Different Types of Reports Creation

Self-paced Course Content

- MicroStrategy Web
- Web Dashboard
- MicroStrategy Intelligence Server

Hyperion

Learning Objective

Our Oracle Hyperion Interactive Reporting certification training course lets you master Hyperion reporting. We provide the best online classes to help you learn Hyperion database, reporting, analytics, creating queries, SQL extraction, and so on. In this program, you will work on real-world Hyperion projects.

Topics:

- Getting started with Hyperion
- Introduction to IR, Relational vs Multidimensional Reporting Tools, ODBC and DSN, and OCE Optimization
- SQL Queries and Important Operations and Functions
- Pivot, Report, and Table sections, Spotlighter, and Getting started with Java Scripting
- Insights into the Toolbar
- Advanced Operations on BQY and Java Scripting
- Workspace and Admin Demonstrations

SSRS

Learning Objective

Enroll today for our SSRS certification training from Intellipaate to master the concepts of SQL Server Reporting Services!

Topics:

- Introduction to SSRS
- Matrix and Tablix Overview
- Parameters and Expression
- Reports and Charts creation
- Dashboard Building
- Reports and Authenticity

Project Work

QlikView

- QlikView Dashboard Creation Using the Three Principles of DAR
- Creating a Mini Chart in a QlikView Application
- Visual Mapping Between the Vaccination Rate and the Measles Outbreak

Spotfire

- IronPython

Tableau

- Understanding the Global COVID-19 Mortality Rate
- Understanding the UK Bank Customer Data
- Understanding the Financial Data
- Understanding the Agriculture Data

Cognos

- Sales Dashboard
- Employee Dashboard

Pentaho

- Building a Pentaho Interactive Report
- Building a Complex Dashboard with Drill-down Reports and Charts
- BI Project

MicroStrategy

- MicroStrategy Report

SSRS

- SSRS Project

Certification

After the completion of the course, you will get a course completion certificate from IntelliPaat.



CERTIFICATE OF COMPLETION

This certificate is awarded to

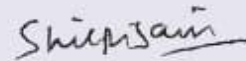
Your Name

Who has successfully completed

Course Name

Fulfilling all the requirements stipulated by IntelliPaat to achieve professional excellence.

Issued Date: Month XX, XXXX



Mrs. Shilpi Jain
Director,
intellipaate Software Solutions Pvt. Ltd.

**VERIFIED
CERTIFICATE**

Certificate ID #94658291

Success Stories



Kevin K Wada

Thank you very much for your top-class service. A special mention should be made for your patience in listening to my queries and giving me a solution, which was exactly what I was looking for. I am giving you a 10 on 10!



Sampson Basoah

The Intellipaateam helped me in selecting the perfect course that suits my profile. The whole course was practically oriented, and the trainers were always ready to answer any question. I found this course to be impactful. Thank you.



Giri Karnal

I had taken up the BI Reporting master's program, which is a combo of many individual courses. Since there are so many technologies involved in this course, getting your query resolved at the right time becomes the most important aspect. But with Intellipaateam, there was no such problem as all my queries were resolved in less than 24 hours.



Sharath Reddy Yellapati

The course material was well-organized. The trainer explained each module from the basics. All my queries were addressed very promptly, and the trainer made me realize how important this course is for beginners in the IT stream.

CONTACT US

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