BUSINESS INTELLIGENCE ARCHITECT MASTERS PROGRAM

Accredited by **Microsoft**

IntelliPaat

About Intellipaat

Intellipaat is a global online professional training provider. We are offering some of the most updated, industry-designed certification training programs in the domains of Big Data, Data Science & AI, Business Intelligence, Cloud, Blockchain, Database, Programming, Testing, SAP and 150 more technologies.
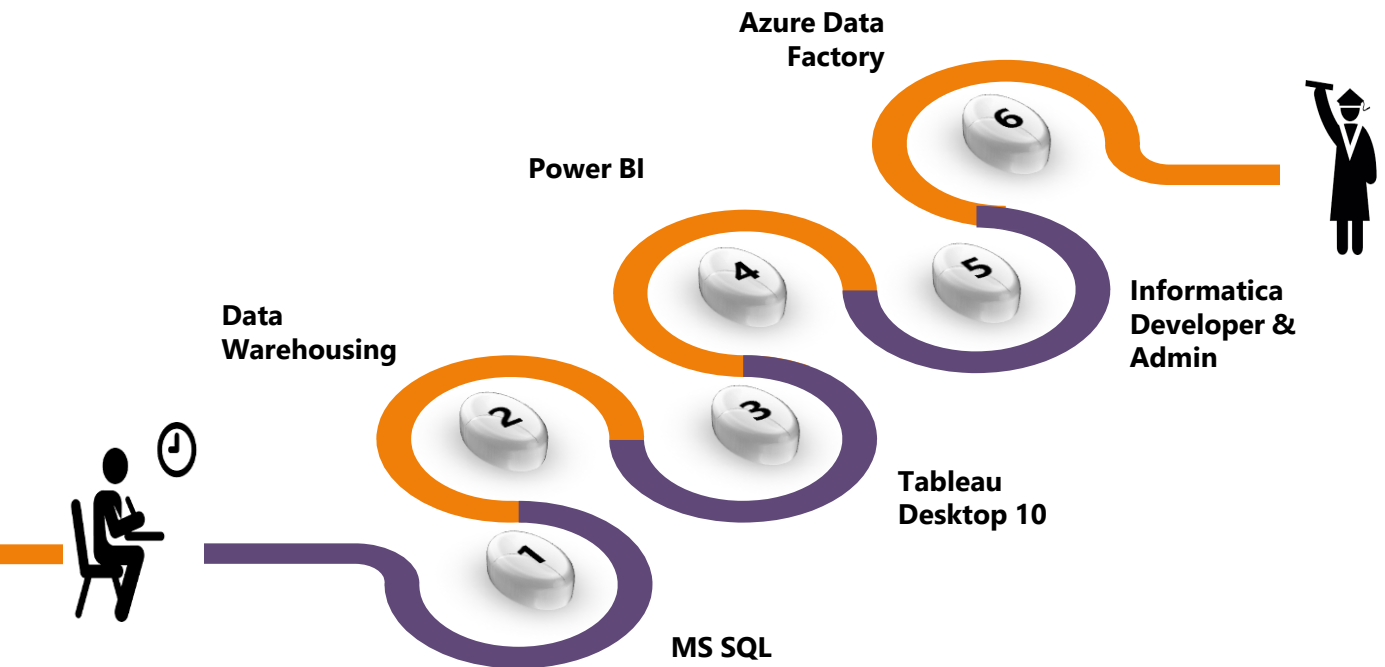
We help professionals make the right career decisions, choose the trainers with over a decade of industry experience, provide extensive hands-on projects, rigorously evaluate learner progress and offer industry-recognized certifications. We also assist corporate clients to upskill their workforce and keep them in sync with the changing technology and digital landscape.

![IntelliPaat Logo]

About The Course

Intellipaat's Business Intelligence Architect master's course will provide you with in-depth knowledge on Business Intelligence and data warehousing. You will master how to design and develop enterprise class data warehouse and build reporting solution, SQL and do performance tuning in data warehouses. This program is especially designed by industry experts, and you will get 9 courses with 32 industry-based projects.

Instructor Led Training
150 Hrs of highly interactive instructor led training

Self-Paced Training
178 Hrs of Self-Paced sessions with Lifetime access

Exercise and project work
300 Hrs of real-time projects after every module

Lifetime Access
Lifetime access and free upgrade to latest version

Support
Lifetime 24*7 technical support and query resolution

Get Certified
Get global industry recognized certifications

Job Assistance
Job assistance through 80+ corporate tie-ups

Flexi Scheduling
Attend multiple batches for lifetime & stay updated.

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Learning Path

Azure Data Factory

Power BI

Data Warehousing

6

4

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Informatica Developer & Admin

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Tableau Desktop 10

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MS SQL

Why take this Course?

Today there is an urgent need for business intelligence professionals who are well-versed with the front-end and back-end of BI. Due to this the Intellipaat master program in BI architecture has been created to help you gain complete proficiency in the ETL steps and also the BI reporting techniques. Taking this training will put you in a different league and help you grab top jobs.

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Self-Paced Courses

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MS SQL

Learning Objective

Intellipaat's MS SQL Server DBA training and certification course is curated in sync with Microsoft's 70-462 exam (Administering Microsoft SQL Server 2012/2014 Databases). This course lets you gain full proficiency in the SQL Database as an administrator. We provide the best online training classes to help you learn database administration (using SQL Server), database design, implementation, support, and maintenance. Moreover, you will work on real-world industry projects in this program. As part of this online classroom training, you will also receive the official course material issued by Microsoft for 'Querying Data with Transact-SQL' and 'Administering Microsoft® SQL Server® 2012 Databases'.

Topics

- ❖ Introduction to SQL
- ❖ SQL Operators
- ❖ Working with SQL: Join, Tables, and Variables
- ❖ Deep Dive into SQL Functions
- ❖ Working with Subqueries
- ❖ SQL Views, Functions, and Stored Procedures
- ❖ Deep Dive into User-defined Functions
- ❖ SQL Optimization and Performance
- ❖ Managing Data with Transact-SQL

- ❖ Querying Data with Advanced Transact-SQL Components
- ❖ Programming Databases Using Transact-SQL
- ❖ Designing and Implementing Database Objects
- ❖ Implementing Programmability Objects
- ❖ Managing Database Concurrency
- ❖ Optimizing Database Objects
- ❖ Microsoft Courses: Study Material

Data Warehousing

Learning Objective

Data Warehousing and ERwin training by Intellipaat will help you master Business Intelligence concepts like data warehousing (DW) architecture, data integration, data modeling, ERwin and the fundamentals of ETL: extract, transform and load. This online course on data warehousing also covers real-life projects.

Topics

❖　Introduction to Data Warehouse

❖　Architecture of Data Warehouse

❖　Data Modeling concepts

❖　Data Normalization

❖　Dimension & Fact Table

❖　SQL parsing, Cubes & OLAP

❖　Erwin Design Layer Architecture

❖　Forward & Reverse Engineering

Tableau Desktop 10

Learning Objective

Intellipaat's 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 Power of Tableau
- Architecture of Tableau
- Working with Metadata & Data Blending
- Creation of sets
- Working with Filters
- Organizing Data and Visual Analytics

- Working with Mapping
- Working with Calculations & Expressions
- Working with Parameters
- Charts and Graphs
- Dashboards and Stories
- Tableau Prep
- Integration of Tableau with R and Hadoop

Power BI

Learning Objective

Power BI is a radically new tool in the hands of business enterprises who are overwhelmed with the amount of data at hand and until now did not have a cost-effective tool to extract insights from it. Upon the completion of this course, as a trained professional, you can enter Power BI which is a set of tools and applications that let you extract data from multiple unrelated sources and convert it into neatly managed and coherent set of information, visually appealing insights, interactive data, charts, graphs and reports. Further, you will get official course material issued by Microsoft for "Analyzing Data with Power BI".

Topics

❖ Introduction to Power BI

❖ Extracting Data

❖ Power Query for Data Transformation

❖ Power Pivot for Data Modeling and Data Analysis Expression – DAX Queries

❖ Data Visualization with Analytics

❖ Power Q & A

❖ Power BI Desktop & Administration

❖ Microsoft Course

Informatica Developer & Admin

Learning Objective

Intellipaat's Informatica training is an industry-designed course for mastering the Informatica tool for ETL. You will learn how to configure, install and administer the PowerCenter. As part of the training, you will also do testing and monitoring of data processing using automated, scalable and auditable approach. You will get trained in Workflow Informatica, data warehousing, Repository Management and other processes.

Topics

- Data Warehousing and Cleansing Concepts
- Informatica Installation and Configuration
- Working with Active and Passive Transformation
- Working with Expression Transformation
- Working with Sorter, Sequence Generator and Filter Transformation

- Working with Joiner Transformation
- Working with Ranking and Union Transformation
- Syntax for Rank and Dense Rank
- Router Transformation
- Source Qualifier Transformation and Mappings
- Slowly Changing Dimension in Informatica

- ❖ Mapplet and Loading to Multiple Designer
- ❖ Performance Tuning in Informatica
- ❖ Repository Manager
- ❖ Best Practices in Informatica
- ❖ Workflow Informatica
- ❖ Parameters and Variables
- ❖ Error Handling and Recovery in Informatica
- ❖ High Availability and Failover in Informatica
- ❖ Working with Different Utilities in Informatica
- ❖ Flat File Processing (Advanced Transformations)
- ❖ Dynamic Targeting
- ❖ Working with Java Transformations
- ❖ Unconnected Stored Procedure Usage
- ❖ Advanced Concepts in SCD
- ❖ Incremental Data Loading and Aggregation
- ❖ Constraint-based Loading
- ❖ XML Transformation and Active Lookup
- ❖ Profiling in PowerCenter
- ❖ Workflow Creation and Deletion
- ❖ Database Connection
- ❖ Relational Database Tables
- ❖ LinkedIn Connection
- ❖ Connection with Sources
- ❖ Pushdown Optimization and Partitioning
- ❖ Cache Management

Azure Data Factory

Learning Objective

Intellipaat's Microsoft Azure DP-200 certification training gives learners the opportunity to get used to implementing Azure Data Solution. This training ensures that learners improve their skills on Microsoft Azure SQL Data Warehouse, Azure Data Lake Analytics, Azure Data Factory, and Azure Stream Analytics, and then perform data integration and copying using Hive and Spark, respectively. Also, real-world projects would be provided. Further the course in line with the Azure DP 201 exam as well. Therefore, the learners will learn to design the Azure Data Solutions, Data Processing, and Data Security.

Topics

❖ Non-Relational Data Stores and Azure

   Data Lake Storage

❖ Data Lake and Azure Cosmos DB

❖ Relational Data Stores - SQL Analytics in

   Azure Synapse Analytics

❖ Azure Batch, Azure Data Factory

❖ Azure Data Bricks, Azure Stream Analytics

❖ Monitoring & Security

❖ Monitoring & Security Continuation

Self-Paced Courses

MSBI

This MSBI certification training provides you all skills needed to work with the Microsoft Business Intelligence stack. You will get proficiency in SQL Server analysis, integration and reporting. This training will provide you enough knowledge about Data Warehousing, ETL Solutions, Connecting Managers, Transformations and other operations. Further, you will also receive official course material issued by Microsoft for Analyzing Data with SQL Server Reporting Services.

Qlik Sense

Qlik Sense is a revolutionary Business Analytics tool to come from the Qlik stables. It provides powerful self-service analytics that are readily deployable through interactive and personalized dashboards, data visualization techniques and insightful reports. You will be trained to make data discoveries and extract analytics on the go from multiple data sources through a simple drag-and-drop process.

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SQL DBA

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Project Works

Course	Industry/Domain	Project
SQL	General	Writing complex Sub Queries
	General	Querying a large relational database
	General	Relational database design
Data Warehouse	General	Logical & Physical Data Modeling Using ERWin
	Invoice Management (Sales)	Sales
Tableau	Sales	Tableau Interactive Dashboard
	Crime Statistics (Public Domain)	Information to policeman where they have to deploy crime prevention efforts
	Government	Analyzing economic data
	Retail	Analyzing market performance
Power BI	Shipping	Top down and bottom up analysis to identify shipping cost leakage
	Healthcare	Value & Volume based analysis on hospital records to analyse charges vs. patients inflow

Course	Industry/Domain	Project
SQL	General	Writing complex Sub Queries
Power BI	Shipping	Top down and bottom up analysis to identify shipping cost leakage
	Healthcare	Value & Volume based analysis on hospital records to analyse charges vs. patients inflow
Informatica	General	Admin Console
	General	Deploying Informatica ETL for Business Intelligence
	General	Deploying the ETL Transactions on Healthcare Data
	Banking	Banking Products Augmentation
	General	Employee Data Integration
Azure Data Factory	General	Working with Azure Data Factory, Data Lake and Azure SQL
+7 Additional projects as part of self-paced courses		

Job Assistance Program

Intellipaat is offering job assistance to all the learners who have completed the training. You should get a minimum of 60% marks in the qualifying exam to avail job assistance. Intellipaat has exclusive tie-ups with over 80 MNCs for placements.

Successfully finish the training   Get your resume updated   Start receiving interview calls

Intellipaat Alumni Working in Top Companies

Ramyasri Mandepudi 🔗

Recruiter at Goodwill technologies Pvt. Ltd.
Thank you Intellipaat for the wonderful Informatica training. I am completely satisfied with the training and was able to grab my dream job thanks to this wonderful training.

Ayush Gupta 🔗

Co-Founder at YellowSquash
The Intellipaat MSBI training was outstanding. The wide variety and rich quality of the training material, the videos, ppts and pdfs that accompanied the training were really good and helped me master this technology

Yogesh Taggar 🔗

Group Manager at WNS Global Services Pvt. Ltd.
Thanks a lot Intellipaat team. Your help was very useful to me. Without your support I would not have been able to master the subject but you made the entire learning experience abbsolutely effortless. Great work

More Customer Reviews

Our Clients

+80 Corporates

Frequently Asked Questions

Q 1. What is the criterion for availing the Intellipaat job assistance program?

Ans. All Intellipaat learners who have successfully completed the training post April 2017 are directly eligible for the Intellipaat job assistance program.

Q 2. Which are the companies that I can get placed in?

Ans. We have exclusive tie-ups with MNCs like Ericsson, Cisco, Cognizant, Sony, Mu Sigma, Saint-Gobain, Standard Chartered, TCS, Genpact, Hexaware, and more. So you have the opportunity to get placed in these top global companies.

Q 3. Do I need to have prior industry experience for getting an interview call?

Ans. There is no need to have any prior industry experience for getting an interview call. In fact, the successful completion of the Intellipaat certification training is equivalent to six months of industry experience. This is definitely an added advantage when you are attending an interview.

Q 4. If I don't get a job in the first attempt, can I get another chance?

Ans. Definitely, yes. Your resume will be in our database and we will circulate it to our MNC partners until you get a job. So there is no upper limit to the number of job interviews you can attend.

Q 5. Does Intellipaat guarantee a job through its job assistance program?

Ans. Intellipaat does not guarantee any job through the job assistance program. However, we will definitely offer you full assistance by circulating your resume among our affiliate partners.