

CERTIFIED PROFESSIONAL DIPLOMA IN FINANCIAL ANALYST



ABOUT US

Infobyte Career Institute offers a high-quality learning experience in the field of IT training to train students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in Infobyte Career Institute. We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.

BENEFITS OF FINANCIAL ANALYST

- Career Growth - Higher Pay & Position
- Encourages professional Development
- Enriches self-image and Reputation
- Enhances professional Credibility.
- Abundant Job Opportunities
- Used In Many Industries
- Global Recognition
- Secure and Flexible
- 50+ Case Studies
- 50+ Projects

TOPICS COVERED

- Financial Statement Analysis
- Python
- SQL
- Advanced Excel
- Power Bi
- Tableau

FINANCIAL STATEMENT ANALYSIS

Work comfortably with Microsoft Excel
Format spreadsheets in a professional way
Preparation & reading of Financial Statements
Balance Sheet Analysis
Profit & Loss Analysis
Cash Flow Statement
Ratios Analysis
Valuation Methods
Create professional charts in Microsoft Excel
Work with large amounts of data without difficulty
Understand Accounting and Bookkeeping principles
Build a company's P&L from scratch
Build a company's Balance sheet from scratch
Perform Financial statement analysis
Understand the importance of timing in terms of revenue and cost recognition
Calculate Liquidity, Solvency, Profitability, and Growth ratios to analyze a company's performance

Assess whether a project is feasible through the Net present value technique

Calculate a complete loan schedule

Understand the difference between variable and fixed interest rates

Perform industry analysis Understand what drives a company's value

Know how to analyze a business

PYTHON CONTENT

1. Introduction to Python

- History of Python
- Why to learn python
- How is Python Different?
- Installing Python

2. Python Interpreter

- Using the interpreter
- Integrated Development Environments (IDE) How to run Python programs?

3. Basics of Python

- Variable
- Keywords
- Statements & Comments
- Indentation
- Data types
- Static Typing vs Dynamic Typing
- Input and output
- Operators Arithmetic operator Relational Operator Assignment Operator
- Logical operator Bitwise operator Membership Operator
- Identity Operator

PYTHON CONTENT

4. Control Flow

- If statement
- If - else
- If – elif -else
- Nested if-else
- whileloop for – in
- loop Nested for
- loop Nester while
- loop Loop with else
- Pass statement
- Break and continue

PYTHON CONTENT

5. Functions

- Basics Defining function
- function call Return statement
- Function with parameter and without parameter
- Function parameters Call by value or call by reference local and global variable
- Recursion, Anonymous (lambda) function
- User define functions
- Examples

6. Modules

- Defining module
- How to create a module
- Importing module
- Dir()
- Module search path
- Reloading a module
- Sys module
- Os module
- namespace

7. Package

- Defining package
- How to create the package
- Importing package
- Installing third party packages

PYTHON CONTENT

8. Numeric Types

- Numeric type basics
- Hexadecimal, Octal, and Binary Notation Complex Numbers
- Typecasting Numeric Functions
- Random number generation (Using Random Modules)

String

- Defining a string
- Different ways to create string Accessing elements of the string Escape sequence
- Raw string String methods String formatting Expressions

10. List

- Defining a list
- Creating list
- Accessing list elements of list
- Deleting list
- List methods
- Functions used with list
- List comprehension
- Implementation of stack and queue using list
- Use of Zip()

PYTHON CONTENT

11. Tuple

- Defining a tuple
- Creating a tuple
- Accessing elements of the tuple
- What is Immutability
- List vs tuples
- Tuple Methods Functions used with tuple
- Advantage of Tuple

12. Dictionary

- Defining a dictionary
- Creating a dictionary
- Accessing elements of the dictionary
- Deleting a dictionary
- Dictionary methods
- Dictionary Comprehension

13. Set

- Defining a set
- Creating a set
- Set operations
- Set methods
- Set comprehension

14. Files

- Defining a file
- Types of file operations
- Opening a File
- Closing file
 - File modes

PYTHON CONTENT

- File attributes
- Writing to file
- Reading from file
- Appending to file
- Filepositions
- Binary file
- Pickle module

15. Exception Handling

- Defining an exception?
- Default exception handler
- Exception handling techniques
 - a. Detecting Exception (try)
 - b. Catching exceptions (catch)
 - c. Catching multiple exceptions
 - d. Raising exception (raise) Finally block
- User-defined exceptions

PYTHON CONTENT

16. Object-Oriented Programming

OOPS concepts Defining

Class Creating object

- Method vs function Calling methods
- Instance attribute vs class attribute
- Instance method vs class method
- Private attribute and method Static Method
- Method Overloading Constructor
- Method Overriding Constructor
- List of objects Inheritance
- Examples

17. Multi-Threading

- Process-based multitasking
- Thread based multitasking
- Creating a Thread without using class
- Creating thread using class
- Sleep() method
- Join() method Getting and setting the name of the Thread Logging
- module
- Synchronization
 - Lock concept
- Object-Oriented

PYTHON CONTENT

- Inter thread communication
- Is_Alive() method
- Active_count() method
- Enumerate() method
- Current_thread()method
- DaemonThread

18. GUI Programming with Tkinter

- IntroductiontoTkinter
- Creatinga windowTkinter widgets Label
- ButtonEntryMessageBox List
- RadioButtonCheckButtonCreating Frame
- CreatingMenu Assignments onTkinter
- Examples

19.Event Handling

- Defining an event
- Bind()method
- Mousse events
- Keyboard events
- Examples

PYTHON CONTENT

20. Data Base Programming

- Introduction to MySQL.connector module, Connecting to the database by using MySQL, Creating a table by MySQL
- Performing SQL operations, Introduction to mysql, Installing mysql, Creating database using mysql
- Connecting MySQL database from python, Creating a table, Performing SQL operations
- Examples

21. Networking

- Introduction to Network programming, Ip address, Port Number Socket module, Server socket, Client socket, Socket methods, TCP socket, UDP socket
- Create server-client examples

22. Conversion of Python script to executable file

- Defining an executable file, Deploying the application

SQL CONTENT

Introduction to Oracle Database

- List the features of Oracle Database 12c
- Discuss the basic design, theoretical, and physical aspects of a relational database
- Categorize the different types of SQL statements
- Describe the data set used by the course
- Log on to the database using SQL Developer environment
- Save queries to files and use script files in SQL Developer

Retrieve Data using the SQL SELECT Statement

- List the capabilities of SQL SELECT statements
- Generate a report of data from the output of a basic SELECT statement
- Select All Columns
- Select Specific Columns
- Use Column Heading Defaults
- Use Arithmetic Operators
- Learn the DESCRIBE command to display the table structure
- Understand Operator Precedence

SQL CONTENT

Learn to Restrict and Sort Data

- Write queries that contain a WHERE clause to limit the output retrieved List
- the comparison operators and logical operators that are used in a WHERE clause
- Describe the rules of precedence for comparison and logical operators Use
- character string literals in the WHERE clause
- Write queries that contain an ORDER BY clause to sort the output of a SELECT statement
- Sort output in descending and ascending order

Usage of Single-Row Functions to Customize Output

- Describe the differences between single row and multiple row functions
- Manipulate strings with character function in the SELECT and WHERE clauses
- Manipulate numbers with the ROUND, TRUNC, and MOD functions
- Perform arithmetic with date data
- Manipulate dates with the DATE functions

Invoke Conversion Functions and Conditional Expressions

- Describe implicit and explicit data type conversion
- Use the TO_CHAR, TO_NUMBER, and TO_DATE conversion functions
- Nest multiple functions
- Apply the NVL, NULLIF, and COALESCE functions to data
- Use conditional IF THEN ELSE logic in a SELECT statement

SQL CONTENT

Aggregate Data Using the Group Functions

- Use the aggregation functions in SELECT statements to produce meaningful reports
- Divide the data into groups by using the GROUP BY clause
- Exclude groups of data by using the HAVING clause

Display Data From Multiple Tables Using Joins

- Create a simple and complex view
- Retrieve data from views
- Create, maintain, and use sequences
- Create and maintain indexes
- Create private and public synonyms

Use Subqueries to Solve Queries

- Describe the types of problem that sub-queries can solve
- Define sub-queries
- List the types of sub-queries
- Write single-row and multiple-row sub-queries

The SET Operators

- Describe the SET operators
- Use a SET operator to combine multiple queries into a single query
- Control the order of rows returned

SQL CONTENT

- Describe each DML statement
 - Insert rows into a table
 - Change rows in a table by the UPDATE statement
 - Delete rows from a table with the DELETE statement
- Save and discard changes with the COMMIT and ROLLBACK statements
 - Explain read consistency

Use of DDL Statements to Create and Manage Tables

- Categorize the main database objects
- Review the table structure
- List the data types available for columns
- Create a simple table
- Decipher how constraints can be created at table creation
- Describe how schema objects work

Other Schema Objects

- Create a simple and complex view
- Retrieve data from views
- Create, maintain, and use sequences
- Create and maintain indexes
- Create private and public synonyms

SQL CONTENT

Control User Access

- Differentiate system privileges from object privileges
- Create Users
- Grant System Privileges
- Create and Grant Privileges to a Role
- Change Your Password
- Grant Object Privileges
- How to pass on privileges?
- Revoke Object Privileges

Management of Schema Object

- Add, Modify and Drop a Column
- Add, Drop and Defer a Constraint
- How to enable and disable a Constraint?
- Create and Remove Indexes
- Create a Function-Based Index
- Perform Flashback Operations
- Create an External Table by Using ORACLE_LOADER and by Using

ORACLE_DATAPUMP

- Query External Tables

SQL CONTENT

Manage Objects with Data Dictionary Views

- Explain the data dictionary
- Use the Dictionary Views
- USER_OBJECTS and ALL_OBJECTS Views
- Table and Column Information
- Query the dictionary views for constraint information
- Query the dictionary views for view, sequence, index, and synonym information
- Add a comment to a table

Manipulate Large Data Sets

- Use Subqueries to Manipulate Data
- Retrieve Data Using a Subquery as Source
- Insert Using a Subquery as a Target
- Usage of the WITH CHECK OPTION Keyword on DML Statements
- List the types of Multi-table INSERT Statements
- Use Multi-table INSERT Statements
- Merge rows in a table
- Track Changes in Data over a period of time

SQL CONTENT

Retrieve Data Using Sub-queries

- Multiple-Column Subqueries
 - airwise and No pairwise Comparison
 - Scalar Subquery Expressions
 - Solve problems with Correlated Subqueries
 - Update and Delete Rows Using Correlated Subqueries
 - The EXISTS and NOT EXISTS operators
- Invoke the WITH clause
- The Recursive WITH clause

Regular Expression Support

- Use the Regular Expressions Functions and Conditions in SQL
- Use Meta Characters with Regular Expressions
- Perform a Basic Search using the REGEXP_LIKE function
- Find patterns using the REGEXP_INSTR function
- Extract Substrings using the REGEXP_SUBSTR function
- Replace Patterns Using the REGEXP_REPLACE function
- Usage of Sub-Expressions with Regular Expression Support
- Implement the REGEXP_COUNT function

And Many More...

ADVANCED EXCEL CONTENT

- Multiple Level Subtotal Reports Filtering
- Database & Sorting Data Securing
- Protecting Worksheet Linking Multiple
- Sheets 3D Reference in ExcelSheet
- Referencing Dynamic Linking Word/Excel/Power point
- Function H lookup V lookup Lookup
- X Lookup Dynamic H lookup V lookup COUNTIF, SUMIF, SUMIFS What if-if-analysis Goal Seek Pivot Table & Pivot
- Charts Slicer Reporting

ADVANCED EXCEL CONTENT

- Scenario Manager Dated if
- Functions Date Functions
- NESTED IF Consolidation of
- Data Data Validation Logical
- Function (IF, AND, OR, NOT)
- Macro: Definition & Concepts
- Record & Run Macro Store a
- Macro Intro to VBA Live
- Projects: Over 30 Projects

ADVANCED EXCEL CONTENT

Performing complex calculations more effeciently

- Using Various Excel Functions and executing in Dynamic Projects
- Organizing and analyzing large volumes of data
- Creating MIS Report
- Designing and using templates
- Consolidating and Managing data from multiple workbooks
- Writing conditional Expression (using if)
- Using Logical Functions (AND,OR, NOT)
- Using Logical & Reference function (VLOOKUP, HLOOKUP, XLOOKUP)
- Nested VLOOKUP with Exact Match
- VLOOKUP with Tables, Dynamic Ranges
- Nested VLOOKUP with Exact Match
- Using VLOOKUP to Consolidate Data from Multiple Sheets
- Advanced Formatting: Using Conditional Formatting Option for Rows Columns & Cells

ADVANCED EXCEL CONTENT

- Formatting & Customizing Pivot Tables
- Using Advanced Options Of Pivot Tables, Pivot Charts
- Consolidating data from Multiple Sheets
- using External data Sources
- Using data consolidation features on consolidate data
- show Value as (% Row, % of Column Running Total Compare with Specific Field)
- Viewing Subtotal under Pivot
- Advanced date & time Functions
- Data Validation in Financial Functions
- Advanced Shortcut Keyboard Commands
- Create forms with Radio Buttons, Selection Tools Other programming tools Creating Slicers

POWER BI CONTENT

- Power BI Introduction
- Data Visualization, Reporting
- Business Intelligence(BI), Traditional BI, Self-Serviced BI
- Cloud Based BI, On Premise BI
- Power BI Products
- Power BI Desktop (Power Query, Power Pivot, Power View)
- Flow of Work in Power BI Desktop
- Power BI Report Server, Power BI Service, Power BI Mobile
- Flow of Work in Power BI / Power BI Architecture
- A Brief History of Power BI

POWER BI CONTENT

PBI Desktop Installation, PBI Desktop & Service Overview

- Power BI Desktop Installation
- Building Blocks of Power BI
 - Datasets, Visualizations, Reports, Dashboards, Tiles
- Power BI Desktop User Interface
 - Fields Pane, Visualizations pane, Ribbon, Views, Pages Tab, Canvas
- Overview of Power Query / Query Editor - Extract, Transform & Load Data
 - Connecting to Data Sources, Establish connection to the Excel source
- Importing Data into Power BI or Query Editor
- Transforming the Data using Power Query
- Model the Data using Power Pivot – Relationship View
- Creating New Measures and New Columns using DAX – Data View
- Visualizing the Data using Power View and Power Maps – Report View
 - Saving and Publishing the Visuals or Reports
- Logon to Power BI Service
- View the Reports in PBI Service and Share the reports

POWER BI CONTENT

Module 1: Power Query

Introduction to Power Query – Extract, Transform & Load

- Data Transformation, Benefits of Data Transformation
- Shape or Transform Data using Power Query
- Overview of Power Query / Query Editor, Query Editor User Interface
- The Ribbon (Home, Transform, Add Column, View Tabs)
- The Queries Pane, The Data View / Results Pane, The Query Settings Pane,

Formula Bar

- Advanced Editor – Complete ETL Code
- Saving Your Work – Applying ETL Changes – Loading into Power Pivot Model
- Power Query Conceptually

POWER BI CONTENT

Datatypes and Filters in Power Query

- Datatypes, Changing the Datatype of a Column
- Filters in Power Query
 - Auto Filter / Basic Filtering
- Filter a Column using Text Filters
- Filter a Column using Number Filters
- Filter a Column using Date Filters
- Filter Multiple Columns

Inbuilt Column Transformations

- Remove Columns / Remove Other Columns
- Name / Rename a Column Reorder Columns or Sort Columns
- Add Column / Custom Column
- Split Columns
- Merge Columns
- PIVOT, UNPIVOT Columns
- Transpose Columns

POWER BI CONTENT

In built Row Transformations

- Header Row or Use First Row as Headers
- Keep Top Rows, Keep Bottom Rows
- Keep Range of Rows
- Keep Duplicates, Keep Errors
- Remove Top Rows, Remove Bottom Rows, Remove Alternative Rows
- Remove Duplicates, Remove Blank Rows, Remove Errors
- Group Rows / Group By

Combine Queries (Append Queries & Merge Queries)

Append Queries / Union Queries

- Append Queries
- Append Queries as New
- Append 2 or more files individually with different queries
- Appending multiple files of same type from a folder using single query
- Query Options
- Copy Query, Paste Query
- Delete Query, Rename Query
- Enable Load, Include in report Refresh
- Duplicate Query, Reference Query
- Move to Group, Move Up, Move Down

POWER BI CONTENT

Merge Queries / Join Queries

- Merge Queries, Merge Queries as New
- Default Types of Joins / Join Kinds / Merge Type :
 - Left Outer (all from first, matching from second)
 - Right Outer (all from second, matching from first)
 - Full Outer (all rows from both)
 - Inner (only matching rows)
 - Left Anti (rows only in first)
 - Right Anti (rows only in second)
 - Cartesian Join or Cross Join

POWER BI CONTENT

Module 2: Power Pivot

Power BI Data Modeling – Relationship View

- Data Modeling Introduction
 - Relationship, Need of Relationship
 - Relationship Types / Cardinality in General
- One-to-One, One-to-Many (or Many-to-One), Many-to-Many
 - AutoDetect the relationship, Create a new relationship, Edit existing relationships
- Make Relationship Active or Inactive
 - Delete a relationship
 - Cross filter direction (Single, Both), Assume Referential Integrity

Enhancing the Data Model – DAX

- What is DAX, Calculated Column, Measures
 - DAX Table and Column Name Syntax
- Creating Calculated Columns, Creating Measures
- Implicit vs Explicit Measures
- Calculated Columns vs Measures
 - DAX Syntax & Operators
 - DAX Operators
 - Types of Operators : Arithmetic Operators, Comparison Operators, Text Concatenation Operator, Logical Operators

POWER BI CONTENT

DAX Functions Categories

- Date and Time Functions
 - Logical Functions
 - Text Functions
- Math & Statistical Functions
 - Filter Functions
- Time Intelligence Functions

DAX Date & Time Functions

- YEAR, MONTH, DAY
- WEEKDAY, WEEKNUM
- FORMAT (Text Function) Month Name, Weekday Name
- DATE, TODAY, NOW
- HOUR, MINUTE, SECOND, TIME
- DATEDIFF, CALENDAR
- Creating Date Dimension Table

POWER BI CONTENT

DAX Text Functions

- LEN, CONCATENATE (&)
- LEFT, RIGHT, MID
- UPPER, LOWER
- TRIM, SUBSTITUTE, BLANK

DAX Logical Functions

- IF
- TRUE, FALSE
- NOT, OR, IN, AND
- IFERROR
- SWITCH

POWER BI CONTENT

DAX Math and Statistical Functions

- INT
- ROUND, ROUNDUP, ROUNDDOWN
- DIVIDE
- EVEN, ODD
- POWER, SIGN
- SQRT, FACT
- SUM, SUMX
- MIN, MINX
- MAX, MAXX
- COUNT, COUNTX
- AVERAGE, AVERAGEX
- COUNTROWS, COUNTBLANK

POWER BI CONTENT

DAX Filter Functions

- CALCULATE
- ALL
- RELATED

DAX Time Intelligence Functions

- TIME INTELLIGENCE INTRODUCTION
- TOTALMTD, TOTALQTD, TOTALYTD
- PREVIOUSDAY, PREVIOUSMONTH, PREVIOUSQUARTER, PREVIOUSYEAR
- NEXTDAY, NEXTMONTH, NEXTQUARTER, NEXTYEAR
- SAMEPERIODLASTYEAR
 - YOY Growth
- MOM Growth

POWER BI CONTENT

Module 3: Power View

Report View / Power View

- Report View User Interface
- Fields Pane, Visualizations pane, Ribbon, Views, Pages Tab, Canvas
- Visual Interactions
- Interaction Type (Filter, Highlight, None)
- Visual Interactions Default Behavior, Changing the Interaction

Filters in Power View

- Filter Types
- Visual Level Filters, Page Level Filters, Report Level Filters, Drill Through Filters
- Filter Sub Types
- Basic Filtering, Advanced Filtering, Top N, Relative Date Filtering
Numeric field filters, Text field filters, Date and Time field Filters

POWER BI CONTENT

Grouping, Binning & Sorting

- Grouping and Binning Introduction
- Using grouping, Creating Groups on Text Columns
- Using binning, Creating Bins on Number Column and Date Columns
- Sorting Data in Visuals
- Changing the Sort Column, Changing the Sort Order
- Sort using column that is not used in the Visualization
- Sort using the Sort by Column button

Hierarchies and Drill-Down Reports

- Hierarchy Introduction, Default Date Hierarchy
- Creating Hierarchy, Creating Custom Date Hierarchy
- Change Hierarchy Levels
- Drill-Up and Drill-Down Reports
- Data Actions, Drill Down, Drill Up, Show Next Level, Expand Next Level
- Drilling filters other visuals option

POWER BI CONTENT

Power BI Visualizations

- Visualizing Data, Why Visualizations
- Visualization types, Field Wells
- Visuals for Filtering, Visualizing Categorical Data, Visualizing Trend Data
- Visualizing KPI Data, Visualizing Tabular Data, Visualizing Geographical Data
- Leveraging Power BI Custom Visuals

Visuals for Filtering

- Slicer Visualization
- When to use a Slicer
- Create and format Slicer Visualization
- Hierarchy Slicer (Custom Visualization)
- When to use a Hierarchy Slicer
- Create and format Hierarchy Slicer
- Advantages of Hierarchy Slicer

Visualizing Trend Data

- Line and Area Charts
- Create and Format Line Chart, Area Chart, Stacked Area Chart
- Combo Charts
- Create and Format Line and Stacked Column Chart, Line and Clustered Column Chart
- Create and Format Ribbon Chart, Waterfall Chart, Funnel Chart

Visualizing KPI Data

- Create and Format Gauge Visual, KPI Visual
- Create and Format Card Visualization, Multi Row Card

POWER BI CONTENT

Module 4: Power BI Service

Power BI Service Introduction

- Power BI Service Introduction, Power BI Cloud Architecture
- Creating Power BI Service Account, SIGN IN to Power BI Service Account
- Publishing Reports to the Power BI service, Import / Getting the Report to PBI Service
- My Workspace / App Workspaces Tabs
- DATASETS, WORKBOOKS, REPORTS, DASHBOARDS
- Working with Datasets, Creating Reports in Cloud using Published Datasets
 - Power BI Datasets Live Connection using Desktop
- Working with Workbooks, working with Reports, Sharing Reports

Dashboards Development

- Creating Dashboards
- Pin Visuals and Pin LIVE Report Pages to Dashboard
- Advantages of Dashboards
- Interacting with Dashboards
- Adding Tiles to Dashboards
- Web Content, Image, Text Box, Video
- Formatting Dashboard
- Sharing Dashboard

POWER BI CONTENT

Data Gateways

- Introduction to Data Gateways
- How Data Gateways work
- Connect to an on premise Data Source by using a Data Gateway
- Download Data Gateway
- Installing a Data Gateway
- Types of Gateways
- On-premises Data Gateway, On-premises Data Gateway (personal mode)
- Manage Data Gateway
 - Add and Remove Administrators
 - Add Data Source, Add or Remove Users to a Data Source
 - Refresh On Premise Data
 - Configuring Automatic Refresh using Schedules

POWER BI CONTENT

Collaboration in Power BI using App Workspace

- Introduction to App Workspaces
- Create an App Workspace
- Add Members to App Workspace to Collaborate
- App Workspace Access
- Admin, Member, Contributor

Row Level Security in Power BI

- Introduction to Row Level Security
- Row Level Security (RLS) with DAX
- Manage Roles, Creating Roles, Testing Roles
- Adding Members to Roles in Power BI Service
- Dynamic Row Level Security
- Creating Users Table and Adding to the Model
- Capturing users using `UserName ()` or `UserPrincipalName ()`
- DAX Functions

ADD ON

- Real-time Project Explanation
- Resume Preparation
- Interview Questions Discussions

TABLEAU CONTENT

1 Tableau And Data Visualization

- What is Data Visualization?
- Scope of Data Visualization
- Tableau Visualization Engine
- Various Visualizations: ext Tables, Pie Charts, Bar, and Line
- Visualizations: Heat Maps, Side by Side Lines, Highlight Tables, Circle Plots
- Visualizations: ree Maps, Area Charts, Dual Charts, Scatter Plots
- Tableau Workspace
- Dashboard and the Startup Quadrant
- Dashboard Tricks: Reference Lines, Droplines, and Tooltips

2 Tableau And Data Connections

- Understanding Data Connections
- How to connect to Tableau Data Server?
- Data Connections: Joining and Blending
- Defining a Join

TABLEAU CONTENT

- Various Kinds of Join
- Usage of Join
- Right Outer Join
- Custom SQL Enabled
- Data Blending and Tableau
- Usage of Data Blending
- Data Blending in Tableau
- What is Kerberos Authentication?
- Working of Kerberos Authentication

3 Data Organization

- How to Organize and Simplify Data?
- What is Filtering?
- How to Apply a Filter to a View?
- Filtering on Dimensions
- Totals and Sub totals
- Aggregating Measures and Data Spotlighting

TABLEAU CONTENT

- String Functions and Logical Functions
- How to Sort Data in Tableau?
- Combined Fields
- Group and Aliases
- Advanced Table Calculations
- Calculated Fields and Table Calculations
- Quality Assurance for Table Calculations
- Hierarchies and Sets
- Tableau Bins
- Fixed Size and Variable Sized Bins
- Drilling and Drilling Methods
- Aggregations
- Formatting and Annotations
- Spatial Analysis and Geo-Coding
- Chart Types: Motion Charts, Gantt Charts
- Box and Whisker Plots
- Mapping and Locations
- Pan Zoom Lasso and Radial Selection

TABLEAU CONTENT

4. Advanced Data Preparation And Analytics In Tableau

- Studying Retail Sector Forecasting
- Building and Analyzing Box Plots
- How to work with Large Data Sources in Tableau?
- Understanding and Implementing Pivot and Split
- Real World Retail and its Data
- Data Source Filters
- Trendlines
- Advanced Timeseries Blending
- Calculating Sales Per Capita
- Forecasting in Tableau
- How to Present a Storyline?
- Creating Animations in Tableau
- Real World Case Study: World Health Trends Investigation
- Building Visualization and Adding Animation
- Manually Sorting Blended Data
- Finalizing the Dashboard and Animations in Tableau

TABLEAU CONTENT

5. Dashboards And Work Sharing

- Building Interactive Dashboards
- What are Action Filters?
- How to create Story Boards?
- Best Practices to create Dashboards
- Cover Pages
- Annotations
- Tool Tips and keyboard shortcuts
- Sharing work
- Tableau Online
- Tableau Reader

CAREER OPPORTUNITIES

- Financial Advisor
- Equity Research
- Financial Consultant
- Python Developer
- Research Analyst
- DatabaseDeveloper
- DataAnalyticsTrainer
- DataArchitect
- BusinessAnalyst

FACILITIES OFFERED

- Practical Training on Live Projects
- Complete Placement Assistance
- Interview Preparation
- Global Certification
- Fully functional labs
- Online / Offline Training
- Study Materials
- Expert Level Industry Recognized Training

OUR RECRUITERS

