

# ALTERYX

- Duration of Training : 32 hrs.
- Batch type : Weekdays/Weekends
- Mode of Training :  
Classroom/Online/Corporate Training

# **Alteryx Training Syllabus designed to cover Alteryx Designer, Alteryx Server, and Duration 32 Hours**

## **Alteryx Training Syllabus (32 Hours)**

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### **Module 1 : Introduction to Alteryx (2 Hours)**

- Overview of Alteryx & Data Analytics
  - Installation and Alteryx Designer Interface
  - Understanding Workflows & Tool Categories
  - Connecting to various data sources (Excel, SQL, APIs, etc.)
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### **Module 2 : Data Preparation & Blending (4 Hours)**

- Input & Output Data tools
  - Data cleansing & filtering techniques
  - Joining & Union operations
  - Handling null values and duplicates
  - Data parsing and transformation
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### **Module 3 : Data Manipulation & Transformation (4 Hours)**

- Pivoting & Unpivoting Data
  - Using Formula, Multi-Row, and Multi-Field formulas
  - Sorting, filtering, and summarizing datasets
  - Handling string functions, date-time functions, and numeric functions
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### **Module 4 : Advanced Data Analytics & Predictive Modeling (6 Hours)**

- Introduction to Predictive Analytics
  - Using Linear Regression & Logistic Regression
  - Decision Trees & Random Forest techniques
  - Time Series Forecasting
  - Text Analytics & Sentiment Analysis
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### **Module 5 : Alteryx Spatial & Geospatial Analytics (4 Hours)**

- Introduction to Alteryx Spatial Tools
  - Working with Map data, spatial joins, and polygons
  - Distance calculations & trade area analysis
  - Heat Maps & Customer Segmentation
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## **Module 6: Macros & Workflows Automation (4 Hours)**

- Understanding Standard, Batch & Iterative Macros
  - Creating custom Macros
  - Building Automated Workflows & Scheduling
  - Debugging & performance optimization
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## **Module 7 : Alteryx Server & Alteryx Connect (4 Hours)**

- Deploying Workflows on Alteryx Server
  - Managing users & permissions
  - Using Alteryx Gallery for collaboration
  - Introduction to Alteryx Connect & Metadata Management
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## **Module 8 : Alteryx Integration & Best Practices (4 Hours)**

- Integrating Alteryx with Tableau, Power BI, SQL, and Python
  - Using APIs with Alteryx for external data fetching
  - Workflow Performance Optimization & Debugging
  - Best Practices for Enterprise Deployment
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**Total Duration: 32 Hours**

**Hands-on Practice: Each module includes real-time case studies and workflow development**



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