

# ALTERYX DESIGNER

Master Alteryx to automate workflows and analytics.



## Diverse Tech Topics

- Alteryx Designer Basics
- Data Input & Output
- Data Preparation Tools
- Filtering & Sorting
- Joins & Data Blending
- Transformations & Restructuring
- Macros, Apps & Reporting

**ENROLL NOW**

**+91 974 974 9596**  
**[www.flairtechnologies.in](http://www.flairtechnologies.in)**



## **Comprehensive Curriculum**

Covers Alteryx workflows, data blending, automation, macros, apps, and reporting for data-driven analysis.

01



## **Learning Notes for Each Session**

Session-wise learning notes provide structured summaries of key concepts, tools, and techniques for efficient review and retention.

02



## **Advanced Concepts & Tools with Collaborative Environment**

Gain expertise in advanced concepts via interactive, collaborative, and practical learning sessions

03



## **Hands-On Projects with Expert Instructors**

Real-time projects with in-depth training on Alteryx workflows, automation, macros, and reporting using customized datasets.

04



## **Mock Interviews & Resume Preparation**

We take mock interviews and provide you feedback which helps you how to prepare for real Interviews also we help you in resume preparation based on your skills and experience.

05



## **1:1 Meeting with our experts**

You can have 1:1 meeting to discuss your career path and guidance on how to prepare your resume and job placements.

06

**INTRODUCTION TO ALTERYX**

- What is ETL & ELT in Modern Data Pipelines
- Why Alteryx – Role in Analytics & Automation
- Understanding Alteryx Designer
- Designer Interface Tour (Canvas, Configuration Pane, Results)
- Workflow & User Settings
- Installation & License Configuration
- Alteryx File Types: .yxmd, .yxdb, .yxmc, .yxwz

**INPUT & OUTPUT TOOLS**

- Input Data (Local, Database, Cloud, APIs)
- Output Data (File formats, append/overwrite, Excel tab naming)
- Browse Tool (Inspection & Debugging)
- Manual Input
- Directory, Dynamic Input, Dynamic Rename
- Date & Time Formats and Parsing

**DATA PREPARATION TOOLS**

- Data Cleansing
- Auto Field
- Select (Field renaming, type conversion, metadata)
- Convert Date
- Record ID
- Formula (Basic to Nested Logic)
- Multi-Field Formula
- Multi-Row Formula (Lag/Lead calculations like SQL)
- Generate Rows (for looping/date expansion)

**FILTERING, SORTING & SAMPLING**

- Sort
- Filter (Basic and Custom logic)
- Sample (First N, Every Nth, Random %)
- Unique
- Tile Tool (for binning/segmentation)
- Conditional Row Filtering (via Formula + Filter)

**JOINS AND DATA BLENDING**

- Join Tool (Inner/Left/Right Joins)
- Union Tool (Auto Config by Name/Position)
- Append Fields
- Find and Replace
- Fuzzy Match (Name/Address matching)
- Join Multiple Tool
- Make Group Tool (used in Fuzzy Matching)

**DATA TRANSFORMATIONS**

- Summarize Tool (Group By, Sum, Min/Max, Concatenate, Count)
- Cross Tab (Pivoting)
- Transpose (Unpivoting)
- Text to Columns
- RegEx Tool (Extract, Replace, Match)
- Field Info Tool (Metadata Exploration)

## DATA ENGINEERING TOOLS (IMPORTANT ADDITIONS)

- In-Database Tools (Connect In-DB, Data Stream In/Out, In-DB Filter, Join, Select)
- SQL Scripting Tool (for push-down optimization)
- Cache Dataset (for performance tuning)
- Block Until Done (for sequential logic)
- Run Command Tool (trigger external scripts or shell commands)
- Download Tool (API/REST integration)
- Publish to Database (Bulk Load)
- Data Connectors (Azure, AWS, Snowflake, Salesforce, SharePoint)

## MACROS (REUSABLE LOGIC)

- What is a Macro in Alteryx
- Standard Macro – Reusable logic
- Batch Macro – Runs once per control group
- Iterative Macro – Loops until condition is met
- Interface Tools: Macro Input/Output, Drop Down, Check Box, Control Parameter
- Macro Output Testing and Debugging
- Storing Macros in Gallery or Shared Repos

## ANALYTIC APPS

- What is an Analytic App
- Use Cases (Parameter-driven Reports, User-defined Filters)
- Interface Tools (Text Box, Radio Button, List Box, File Browse)
- Creating, Saving, and Running Apps (.yxwz)
- App chaining and validation
- Publishing to Alteryx Server/Gallery

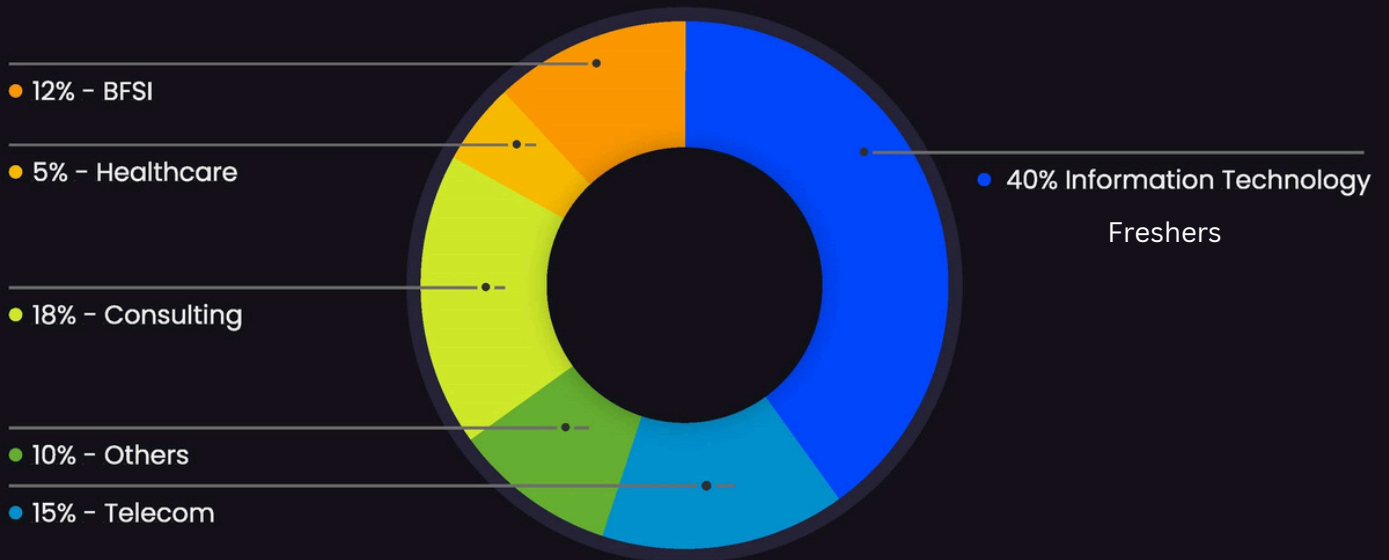
## REPORTING TOOLS (ALTERYX DESIGNER REPORTS)

- Layout Tool
- Table Tool (Tabular formatting)
- Report Text Tool
- Charting Tool (Basic bar, pie, line charts)
- Image Tool
- Render Tool (to PDF, Excel, HTML)
- Email Tool (attach and send reports via SMTP)
- Report Footer/Header

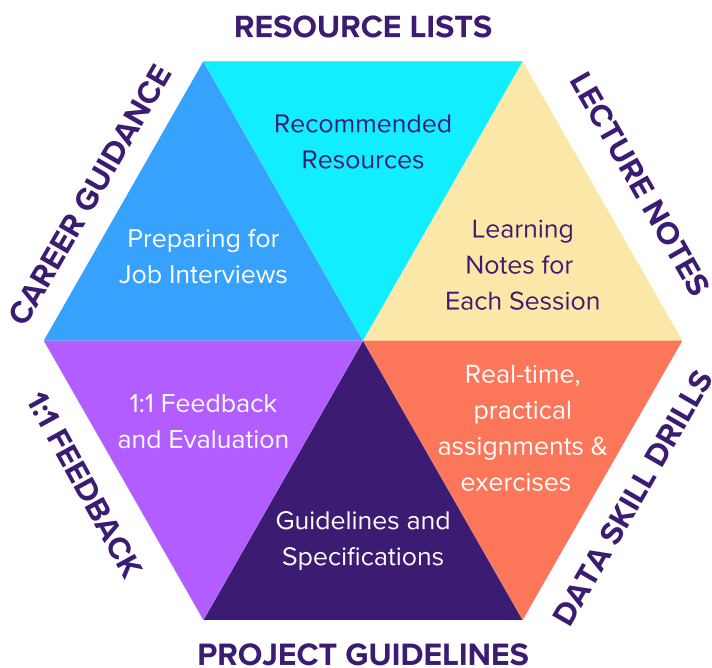
alteryx



## Industries Our Learners Come From



## WHAT YOU ACHIVE



### TARGET GOALS

- 1 Resource Lists
- 2 Lecture Notes
- 3 Hands-on Exercises
- 4 Project Guidelines
- 5 1:1 Feedback
- 6 Career Guidance

We are pioneers in providing trainings by certified Instructors who are highly qualified with decades of experience in the subject matter. Flair Technologies was expertise in providing quality Industry Oriented Training with Interview Preparation and Placement Assistance.

### GOALS ACHIVED

- 1 Expertise in Alteryx
- 2 Ready for Interview
- 3 Placement in MNC



# FLAIR TECHNOLOGIES

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FLAIR TECHNOLOGIES was founded in 2014 With the mission to provide high quality software Trainings. Despite facing challenges due to full-time commitments, our enthusiasm for teaching never waned.

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**Drop Us A Line**

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**Our Location**  
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