

Alteryx Fundamentals

Course Duration: 8 Hours (1 Day)

Overview

The Alteryx Fundamentals course is designed to equip learners with the core skills necessary to utilize Alteryx for Data analytics and Workflow automation. This comprehensive program starts with an Introduction to Alteryx where participants learn how to install the software and get acquainted with its user interface. The course progresses through a series of modules, each focusing on key features and tools within Alteryx. From Input Tools that connect to various data sources like Excel, CSV, and SQL Server to Output Tools that allow users to write data to different formats and databases, learners will develop a solid foundation. Preparation Tools and Join Tools help in data cleaning and combining datasets, while Transform Tools and Parse Tools are covered to reshape and extract data. The course also includes lessons on Alteryx File Types, Documentation Tools for organizing workflows, and Alteryx Reports for presenting data findings. Through hands-on lessons and practical exercises, learners will gain the expertise to streamline their data processing tasks, leading to increased efficiency and insights. The course is beneficial for data professionals looking to enhance their analytical capabilities and add value to their organizations' data-driven decision-making processes.

Audience Profile

The Alteryx Fundamentals course is designed for professionals looking to master data processing and analytics using Alteryx, including:

- Data Analysts
- Business Analysts
- Business Intelligence (BI) Professionals
- Data Scientists
- Marketing Analysts
- Financial Analysts
- Operations Analysts
- IT Professionals interested in Data Analytics
- Graduate Students in Data-Driven Disciplines
- Excel Power Users transitioning to Alteryx
- SQL Database Administrators expanding their skill set
- Tableau Users seeking to enhance data preparation capabilities

Course Syllabus

Introduction to Alteryx

- Installing Alteryx

- Interface Walkthrough

Input Tools

- Connecting to MS Excel
- Connecting to CSV
- Connecting to SQL Server

Alteryx File Types

Output Tools

- Using the Browse Tool
- Writing to a CSV File
- Writing to a Tableau Extract
- Writing to SQL Server

Preparation Tools

- Select Tool
- Data Cleansing Tool
- Filter Tool
- Formula Tool
- Sort Tool
- Sample Tool
- Unique Tool
- Record ID Tool

Join Tools

- Join Tool
- Union Tool

Transform Tools

- Summarize Tool
- Transpose Tool
- Cross Tab Tool

Parse Tools

- Text to Columns Tool
- Date/Time Tool

Documentation Tools

- Comment Tool
- Tool Container Tool

Alteryx Reports

- Layout Basics
- Exporting Reports