

# Advanced Program For Data Analyst Training

**Course Duration: 56 Hours**

**Course Code: AZ-DA-ADV-01**

## 1. Course Overview

The Azure Advanced Program for Data Analyst Training is designed to equip learners with advanced data analytics skills using Microsoft Azure tools. This course focuses on data visualization, data transformation, and real-time analytics, enabling professionals to make data-driven decisions and build scalable analytics solutions.

## 2. What You'll Learn

- Advanced data analysis using Azure services
- Working with Azure Data Factory and Azure Synapse Analytics
- Data visualization using Power BI
- Data cleaning and transformation techniques
- SQL and query optimization in Azure
- Real-time data processing and analytics
- Building dashboards and reports for business insights

## 3. Target Audience

- Data Analysts and Business Analysts
- Professionals working with data and reporting
- IT professionals looking to upskill in cloud analytics
- Fresh graduates interested in data analytics careers
- Anyone aiming to work with Azure-based data solutions

## 4. Pre-Requisites

- Basic understanding of data analysis concepts
- Familiarity with Microsoft Excel
- Basic knowledge of SQL is recommended
- Understanding of cloud computing fundamentals (preferred but not mandatory)

## 5. Course Content

- Introduction to Azure Data Services
- Azure Data Factory for Data Integration
- Azure Synapse Analytics for Data Warehousing
- Data Transformation using Azure tools
- SQL for Data Analysis in Azure
- Data Visualization with Power BI
- Real-Time Analytics and Stream Processing
- Data Security and Governance in Azure
- Capstone Project & Case Studies