

Microstrategy Training

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With the amazing courses and programs by Techeduxon, you will experience a whole new horizon of tech knowledge and put it to the best use.

Course Overview

- Introduction & how to install microstrategy
- Business Intelligence Architecture and capability
- Microstrategy architecture flow
- Create metrics, filters, prompts
- Organize schema objects
- Consolidation & custom groups
- Drill maps & partition mapping
- How to create different types of reports

Pre requisites

No pre requisites are required to take up this course.

Target audience

Software Architects, ETL Developers, Analytics Managers, Data specialist.

Course Content

Introduction and how to install microstrategy

- Introduction to MicroStrategy Business Intelligence tool

- various capabilities of MicroStrategy in data discovery
- Advanced analytics
- Enterprise reporting and dashboard functionality
- Detailed knowledge of installation of MicroStrategy

Business Intelligence Architecture and capability

- Business Intelligence architecture
- Data sources
- ETL process
- Loading data in EDW and data marts
- Business Intelligence at different levels
- operational, adhoc and dashboard needs and solutions offered like grids and graphs.

MicroStrategy Architecture flow

- MicroStrategy including tools and services, data assets, schemas, metadata, public objects and information delivered via web, desktop and mobile
- MicroStrategy data flow architecture,
- various types of setup like on-premise, cloud and mobile
- understanding the need for data containers
- customization using SDK
- security for backend data containers and other offerings

Create metrics, filters, prompts

- Creation of basic metrics and level metrics
- Defining metrics using filters

- Studying the metrics generated by SQL when working with level dimensionality
- Detailed step by step process to create metrics
- step by step process for creating filters and the different options in creating filters
- Different ways of creation of Prompts and its various uses

Organize schema objects

- Create schema objects
- Data warehouse catalog, schema tables
- Creation and editing of Attributes and Facts
- Schema update and its need
- Create schema tables
- Update schema

Consolidation & custom groups

- creating Consolidation Objects
- learning through demonstration
- understanding difference between Consolidation and Custom Groups
- Create Custom Groups and their distinction from Consolidation Objects
- Custom Groups are a consequence of SQL queries
- Consolidation Objects are functions of analytical engine, a detailed demonstration of steps needed for SQL query generation in Custom Groups.

Drill maps & partition mapping

- Understand Drill Maps creations, its significance
- Role of hierarchies in drill navigation
- Detailed demonstration of Drill Maps and Navigation
- Understanding partitioning
- Various type of data partitioning like homogenous and heterogeneous mapping
- Metadata & warehouse partitioning
- Detailed demonstration of creating partition mapping in MicroStrategy

How to create different types of reports

- How to create Reports using MicroStrategy Developer/Desktop,
- Executing the Report,
- Various View types like Design,
- SQL and Grid,
- Deploying View Filters and Report Editor,
- learning to work with Reports like creating and using Filters,
- Prompts, Sorts, Drill-down &Format.

Project– MicroStrategy Report

Data – Revenue Dataset

In this project you will be creating a complex MicroStrategy report based on the revenue dataset of a business organization. You will gain hands-on experience in working with schema objects, public objects, creation of dashboard and web interface. Learn to dice and slice the data using flexible reporting capabilities based on OLAP functionalities. The goal of the project is to predict the revenue using MicroStrategy Reports for particular country, call center, and category of product.

Projects & Assignments

Our Expert trainers will provide the real time Projects & Assignments.

