



# Foundations for Creators

ANI\_208d | On-Demand | Automation and Insights | ⚙️

Course Duration: 2 hours

Telecom networks are continuing to transform in fundamental ways - cloud platforms are enabling networks to be run as software-based functions. This enables the management of these networks to become software centric and thus require the use of scripting and software-oriented approaches to automate tasks performed on these networks. Industries are starting to leverage feature-rich tools that analyze massive, varied data sets to complete tasks more productively and effectively. This foundation level self-paced course provides foundational concepts of data and Tableau with a Creator license. The student takes an assessment to show grasp of concepts and readiness for the Intermediate workshop.

## Intended Audience

This workshop is intended for Tableau users with a Creator role.

## Objectives

After completing this course, the learner will be able to:

- Explain the general concepts of analytics
- Describe the concepts of data type
- Create Dimensions and Measures
- Explain Discrete and Continuous Data
- Describe the use of Cards
- Summarize the concepts of granularity
- Learn to navigate the Tableau Desktop

## Outline

1. Types of Analytics
  - 1.1 Descriptive Predictive, Prescriptive
2. Introduction to Visualization and Tableau
  - 2.1 Why use Visualizations?
  - 2.2 Why use Visualization Tools?
  - 2.3 The Process for Visualization Design
3. Visualization Concepts
  - 3.1 Data Types
  - 3.2 Dimensions and Measures
  - 3.3 Continuous Data and Discrete Data
  - 3.4 Marks / Granularity
  - 3.5 Card/Shelves
4. Getting started with Tableau Desktop
  - Exercise: Navigation of Tableau Desktop
  - Exercise: Mechanics to create a Bar chart
5. Creator Assessment (15 Qs, 30 Minutes)