Anypoint Platform: Flow Design (Mule 4)

Summary
This course is for people that work with data and want to get hands-on experience using the web-based Anypoint Flow Designer to build integrations that connect systems quickly and easily.

Duration
1 day (in-person or online)

Objectives
At the end of this course, students should be able to use Anypoint Flow Designer to:
• Build, debug, and deploy Mule applications.
• Retrieve data from databases, REST APIs, and SOAP APIs.
• Transform data using the DataWeave visual mapper.
• Control event flow and handle errors.
• Transfer data to other systems.

Prerequisites
• A basic understanding of data formats such as XML, CSV, and JSON
• A basic understanding of typical integration technologies such as HTTP, JMS, JDBC, REST, and SOAP

Setup requirements
• A computer with a minimum screen resolution of 1024x768
• Unrestricted internet access to port 80 (with > 5Mbps download and > 2Mbps upload)
• The latest version of Chrome, Safari, Firefox, or Edge
• An Anypoint Platform account

Get a detailed setup document can be downloaded from here.
Outline

Module 1: Creating Mule applications
• Create basic applications using the Mule runtime
• Describe how to use Anypoint Platform to create and access APIs
• Deploy Mule applications

Module 2: Retrieving data
• Capture input from query parameters and URI parameters
• Retrieve data from databases, REST APIs, and SOAP APIs

Module 3: Transforming data visually
• Transform data using a visual mapper
• Transform different responses into one common standard
• Transform data using conditional expressions
• Use DataWeave functions

Module 4: Controlling event flow and handling errors
• Route events based on conditions
• Handle errors

Module 5: Transferring data to other systems
• Transfer data to a Salesforce database