

# Salesforce - Declarative Development for Platform App Builders

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<b>Code:</b>	DEX-402
<b>Length:</b>	5 days
<b>URL:</b>	<a href="#">View Online</a>

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Are you ready to move beyond Salesforce administration to unlock even greater capabilities through declarative programming? Master Salesforce's suite of click-not-code options for developing valuable apps and functionality over five days of guided scenarios, lectures, and discussion. Build your knowledge of app deployment, automation tools, security, UI customization, and more!

## Skills Gained

- Design and manage the correct data model based on business requirements.
- Configure application security.
- Define business logic and process automation declaratively.
- Design user interfaces.
- Customize applications for mobile use and Lightning.
- Deploy applications.

## Who Can Benefit

Declarative Development for Platform App Builders is ideal for administrators, system integrators, and independent software vendors (ISVs) with an interest in honing their app development, deployment, and advanced Salesforce administration skills.

## Prerequisites

- At least six months of proven experience administering a Salesforce organization, as demonstrated through the successful completion of the Salesforce Certified Administrator exam.
- At least six months building custom elements in Salesforce, such as page layouts, fields, workflows, and processes.

## Course Details

### Building Your Data Model Declaratively

- Capabilities of Core CRM Objects
- Boundaries of Declarative Customizations
- Use Cases for Programmatic Customizations
- Determining an Appropriate Data Model
- Relationship Types and Impact on Record Access,
- User Interface, and Reporting
- Considerations for Changing Field Types
- Considerations of the Schema Builder

- Considerations for Importing and Exporting Data
- Use Cases of External Objects

## **Crafting Your User Interface**

- Customization Options
- Custom Buttons, Links, and Actions
- List Views
- Record Types
- Social Features
- UI Design Best Practices

## **Constructing Business Logic**

- Formula Fields
- Roll-up Summary Fields
- Validation Rules

## **Maintaining Record and Data Security**

- Restricting and Extending Object, Record, and Field Access
- Determining Appropriate Sharing Solutions

## **Automating Business Processes**

- Lightning Process Builder
- Workflows and Approvals
- Automating Business Processes
- Ramifications of Field Updates and Potential for Recursion

## **Deploying Your App**

- Application Lifecycle
- Sandboxes
- Change Sets
- Unmanaged and Managed Packages
- Determining an Appropriate Deployment Plan

## **Designing Advanced User Interface Components**

- Creating Reports
- Report Types
- Dashboards
- Declarative Options for Incorporating Lightning Components
- Declarative Customizations Available for the Salesforce1 User Interface

## **Deciding When Declarative Isn't Enough**

- Limits of Declarative Tools

- Programmatic Use-cases
  - AppExchange Apps
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## Schedule (as of 4 )

Date	Location	
Sep 23, 2019 – Sep 27, 2019	Virtual	<a href="#">Enroll</a>
Sep 30, 2019 – Oct 4, 2019	San Francisco	<a href="#">Enroll</a>
Oct 14, 2019 – Oct 18, 2019	Virtual	<a href="#">Enroll</a>
Oct 21, 2019 – Oct 25, 2019	Virtual	<a href="#">Enroll</a>
Nov 4, 2019 – Nov 8, 2019	New York	<a href="#">Enroll</a>
Nov 11, 2019 – Nov 15, 2019	Virtual	<a href="#">Enroll</a>

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