

# DECLARATIVE DEVELOPMENT FOR PLATFORM APP BUILDERS IN LIGHTNING EXPERIENCE



## OVERVIEW

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!

## WHO SHOULD TAKE THIS COURSE?

Ideal for administrators, programmers, and point-and-click developers who want to understand the declarative development tools available on the platform.

## WHEN YOU COMPLETE THIS COURSE, YOU WILL BE ABLE TO:

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

## PREREQUISITES

The following experience and credentials are required for successfully mastering all skills discussed in this course:

- 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, workflow, and Process Builder.



### DURATION

- 5 days

### DELIVERY FORMAT

- Classroom
- Virtual Classroom

### AUDIENCE

Experienced Salesforce Administrators and Developers

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## MODULES & TOPICS

### Building Your Data Model Declaratively

- Capabilities of Core CRM Objects
- 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 Salesforce Mobile App

### Deciding When Declarative Isn't Enough

- Limits of Declarative Tools
- Programmatic Use-cases
- AppExchange Apps



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