Salesforce Automation
Validation Rules

	Data Model	Validation Rules	Code
Validation is for Data Quality	✔	✔	
Validation is for Business Process		✔	✔
The data for validation is available through Lookups or on the record		✔	
The data for validation is on other records or another object			✔
The data originates from another system			✔

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Learning Objectives

After completing this unit, you'll be able to:

- Describe two use cases for validation rules
- List the elements of a validation rule
- Create a validation rule

Introduction to Validation Rules

Validation rules verify that data entered by users in records meets the standards you specify before they can save it. A validation rule can conta formula or expression that evaluates the data in one or more fields and returns a value of 'True' or 'False.' When the validation rule returns a value of 'True', this confirms that the data entered by the user contains an invalid value. Validation rules can also include error messages to display to users when they enter invalid values based on specified criteria. Using these rules effectively contributes to quality data. For example you can ensure that all phone number fields contain a specified format or that discounts applied to certain products never exceed a defined percentage.

Defining Validation Rules

You can create validation rules for objects, fields, campaign members, or case milestones. In these steps, we create a validation rule that fires when a user tries to save an account with an account number of incorrect length.

Creating a Validation Rule

1. From Setup, go to Object Manager and click **Account**.
2. In the left sidebar, click **Validation Rules**.
3. Click **New**.
4. Enter the following properties for your validation rule.
   a. Rule Name: Account_Number_8_Characters
   b. Error Condition Formula

   LEN(AccountNumber) <> 8

5. Error Message: Account number must be 8 characters long
6. To check your formula for errors, click **Check Syntax**.
7. Click **Save** to finish.

Here's how a validation rule's error message can appear when a user types an incorrect account number format into a field.

Edit Pyramid Construction Inc.

Review the errors on this page.

Account number must be 8 characters long.

* Account Name	Phone
Pyramid Construction Inc.	(014) 427-4427
Parent Account	Fax
Search Accounts	(014) 427-4429
Account Number	Website
1234	www.pyramid.com