Salesforce Field types

Salesforce supports many fields types, depending upon the required custom field can be created or can be converted from existing data.

In Salesforce, before creating any custom field, we must choose the field type the suits for our requirement.

Auto number :

when auto number data types is selected a system-generated sequence number that uses a certain display format that we define. Auto generated number will be increment for every record we create.

Formula :

When Formula data type is selected we are able to derive different Formula expressions that derives values. The formula field is updated every time when there is a change in source field. It is a read-only field type.

Roll-up Summary :

Roll-up Summary is also a read-only field type. By using this Roll-up Summary data types we are able to make some mathematical calculations like Sum, Minimum, Maximum values of a afield in a related list or the record count of all records listed in a related list.

Lookup Relationship :

This type of Data type links two objects. we can link on object to another object by Lookup relationship. This data type field allows user to select a value from popup list.

Master-detail relationship :

Master-detail relationship also links two objects but it creates a special type of parent-child relationship between the two objects.

Checkbox : If a user wants boolean function like true or false this Checkbox data types is used.

Currency :

Currency field type allows user to enter INR or any other country currency values in the record.

Date :

Allows user to enter date or we can select the date from popup calendar.

Date/ time :

Date and Date/Time field types are different from each other. In Date/Time the user can select date from popup calendar and also current time is entered in the Date/Time field.

Email :

Allows users to enter Email address.

Geolocation :

Allows users to enter altitude and longitude values.

Number :

Allows users to enter numbers.

Percent :

Automatically percentage sign is added .

Phone :

Allows users to enter Phone Number.

Picklist :

Allows users to select only on list from a group of lists that we defined. Picking one among many.

Text :

Allows users to enter combination of both letters and numbers.

Text Area :

Allows users to enter up to 255 characters of letters and numbers.

Text area (Long) :

Allows users to enter up to 32,768 characters on separate lines.

Text Area (Rich) :

Allows users to enter formatted text, add images and links up to 32,768 characters on separate lines.

Text(Encrypted) :

Allows users to enter any combination of letters an numbers and store them in encrypted format.

URL :

Allows users to enter a valid website address.

Auto-number:

Auto-number is a system generated sequence number used to display format whatever we define. Automatically incremented for each new record.

Formula:

Formula field is a read-only field which gets values from formula expression that defined. Formula field type changes, when the source field changes.

Roll-Up Summary:

Roll-Up Summary field is a read-only field that displays sum, min, max values of a field in a related list.

Lookup Relationship:

Lookup Relationship field creates a relationship between two objects (parent object and child object). This field type, allows users to click on a lookup icon to select a value from a popup list.

Master-Detail Relationship:

Master-Detail relationship field creates a specific type of parent-child relationship.

Checkbox:

Checkbox field type allows users to select a True(checked) or False (Unchecked).

Currency:

Currency field allows users to select a Dollar or any other country currency amount. This field type is used to export data to Excel sheets or spreadsheets.