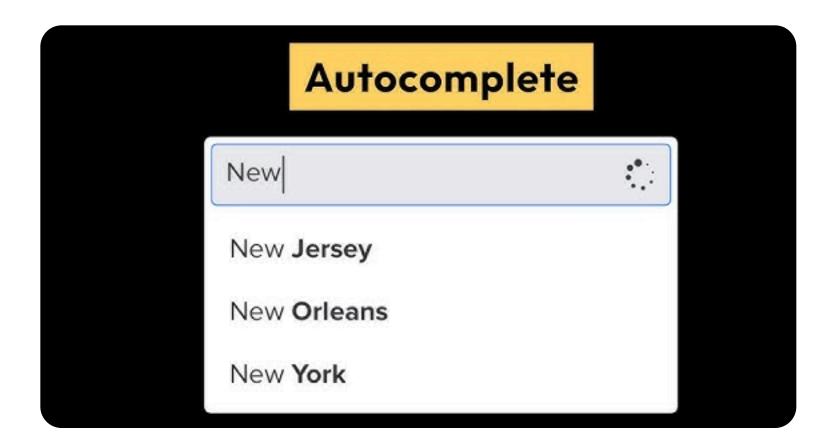
The Autocomplete widget in Flutter

display suggestions to the user based on their input















Autocomplete widget

The Autocomplete widget in Flutter is used to display suggestions to the user based on their input. It provides a flexible way to implement autocomplete functionality by offering a list of options, which can be filtered dynamically based on user input.



Autocomplete widget Example

list of options for autocomplete

```
// ! list of options for autocomplete.
    final List<String> options = <String>[
3
       'Apple',
      'Banana',
4
       'Cherry',
5
      'Date',
6
      'Elderberry',
      'Fig',
8
       'Grapes',
 9
       'Honeydew',
10
    1;
11
```













Autocomplete widget Example

OptionsBuilder: Filters the list of options based on the user's input OnSelected: Callback that is triggered when a user selects an item from the suggestions

FieldViewBuilder: Customizes the text input field

```
1 //* Autocomplete widget with optionsBuilder and onSelected callback.
    Autocomplete<String>(
      //* optionsBuilder is a callback that returns a list of options based on the current input value.
      optionsBuilder: (TextEditingValue textEditingValue) {
        if (textEditingValue.text.isEmpty) {
          return const Iterable<String>.empty();
        return options.where((String option) {
          return option.toLowerCase().contains(textEditingValue.text.toLowerCase());
10
        });
11
      },
      //* onSelected is a callback that is called when an option is selected.
12
      onSelected: (String selection) {
13
        debugPrint('Selected: $selection');
14
15
      },
      // * fieldViewBuilder is a callback that returns a widget to display the input field.
      fieldViewBuilder: (context, textEditingController, focusNode, onFieldSubmitted) {
17
18
        return TextFormField(
19
          controller: textEditingController,
20
          focusNode: focusNode,
          decoration: const InputDecoration(
21
            border: OutlineInputBorder(),
22
23
            hintText: 'Type something...',
          ),
25
        );
26
      },
27
    ),
```











THANK YOU



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