

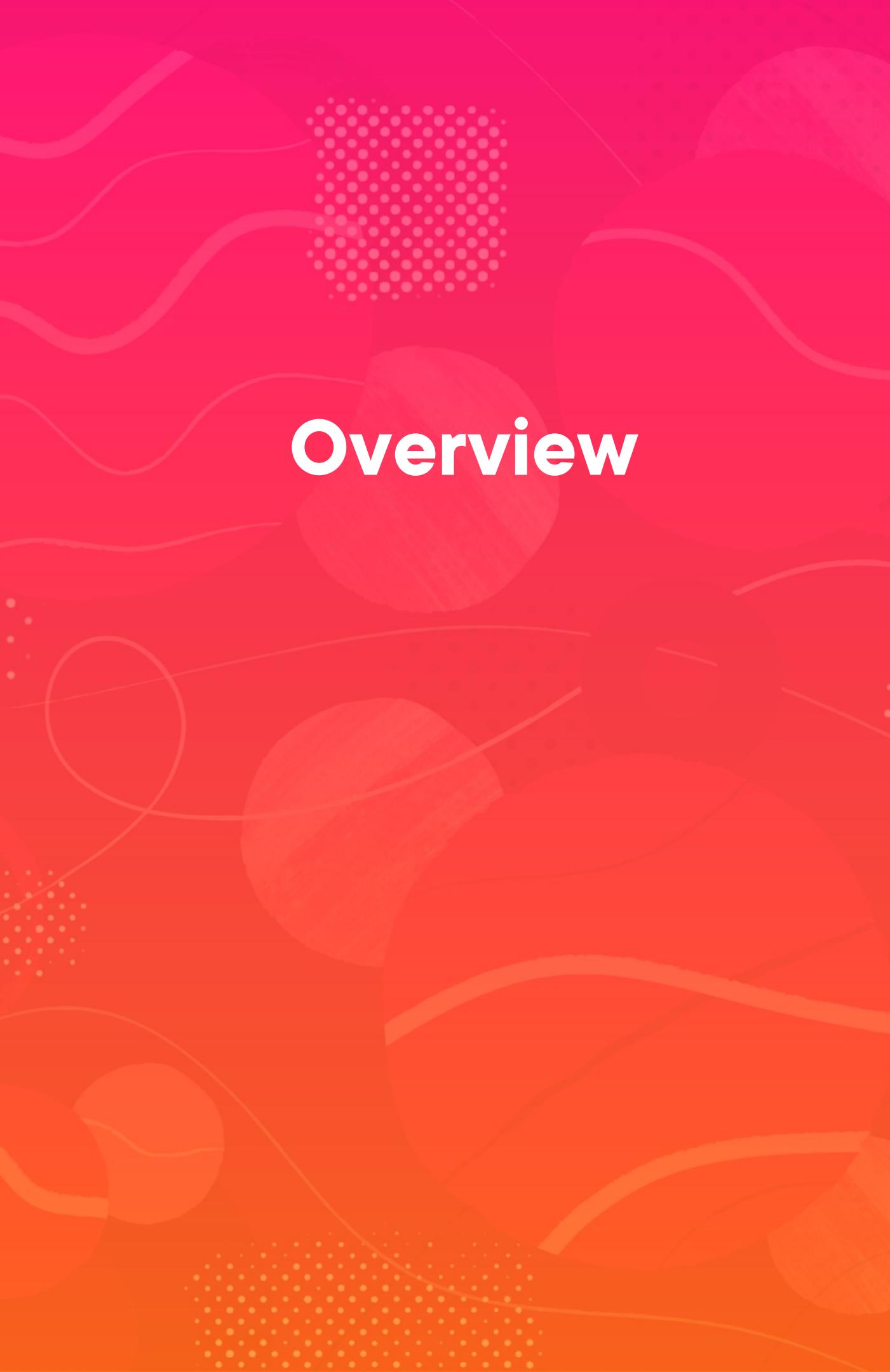
# Creating Angular Reactive Forms



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# Overview

- Adding reactive forms to an existing project**
- Creating FormControl**s
- The magic of ControlValueAccessors**
- Providing values to FormControl**s
- Creating FormGroup**s
- Submitting a reactive form**
- Adding unbound FormControl**s
- Creating nested FormGroup**s
- Simplifying with FormBuilder**



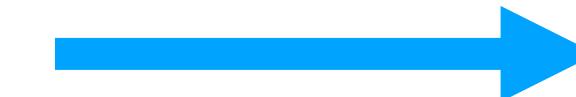
# The ControlValueAccessor Directive

```
First Name  
[formControl]="firstName"  
/>>
```

One-way binding



"input" Event



```
class MyComponent {  
  firstName = new FormControl();  
}  
}
```



# The ControlValueAccessor Directive

First Name

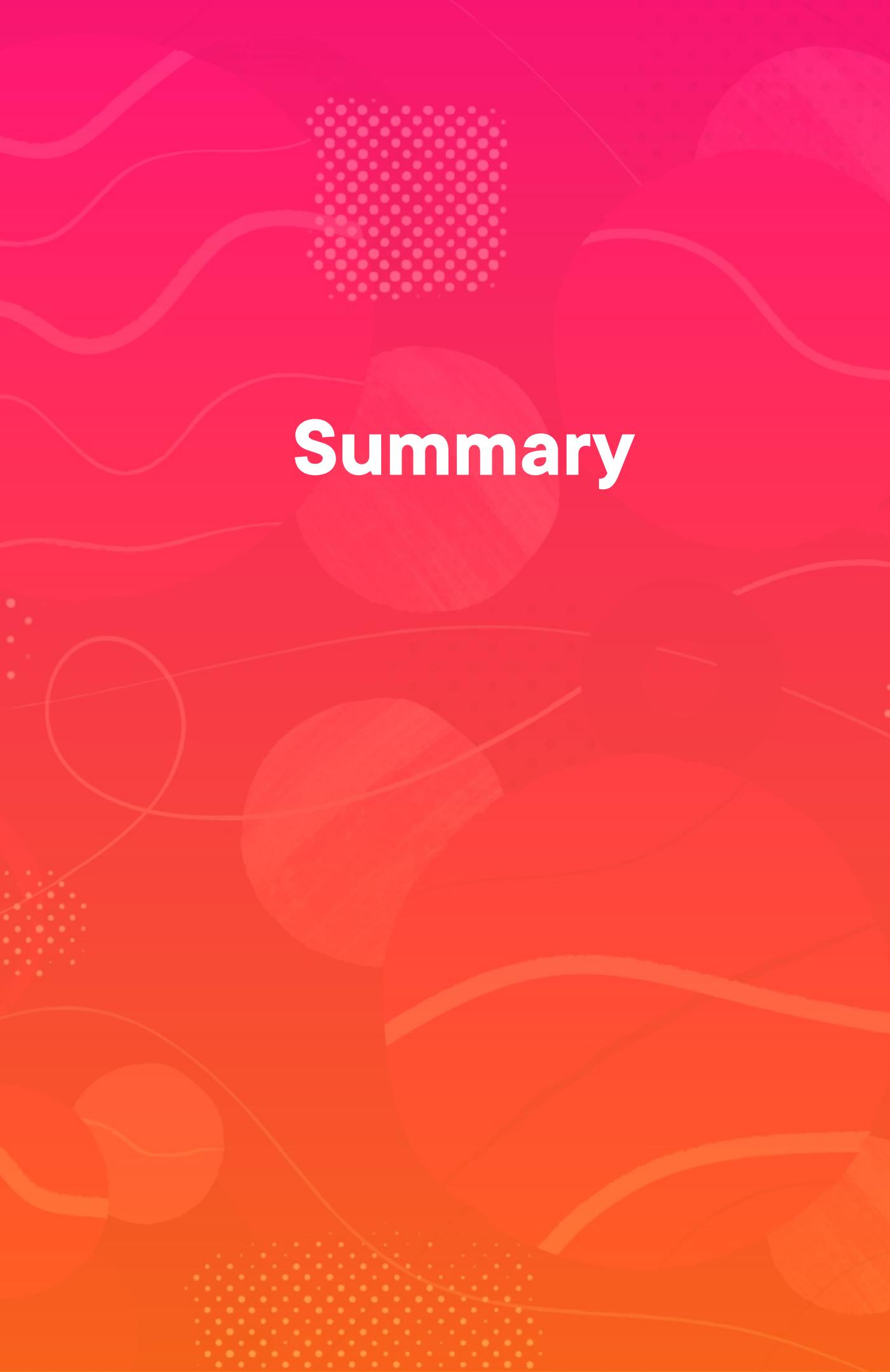
```
<input  
  type="text"  
  [formControl]="firstName"  
  (input)="onChange()">
```

## ControlValueAccessor

```
writeValue(value:any) {  
}  
  
onChange(value:any) {  
}
```

```
class MyComponent {  
  firstName = new FormControl();  
}
```





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**Up Next:**

# **Working with Input Elements and Data Types**

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