

SECTION 6: METHODS AND FUNCTIONS, 2 hours 54 mins, 30 parts

• 19/29 Coding Exercise 18: Functions #9: pick events

The screenshot shows a coding exercise interface. On the left, a sidebar contains the title "Functions #9: pick events" and a description: "Define a function called **myfunc** that takes in an arbitrary number of arguments, and returns a **list**". Below this is a notification box that says "You've just experienced our new Coding Exercise design 🎉 Let us know what you think from Share feedback link." with a "Dismiss" button. The main area displays a code editor with the following Python code:

```
1 def myfunc(*args):
2     return [arg for arg in args if arg % 2 == 0]
```

Below the code editor are two buttons: "Run tests" and "Run code". To the right of the "Run code" button, it says "All changes saved | Line 2, Column 49". Below the code editor, a "Result" section shows a "Success" message with a confetti icon. On the right, a "Test result" section shows a green checkmark and the text "Your code passed this test".

- -> we've defined a function which takes an unlimited amount of arguments
- -> then used a list comprehension
- -> we've done this to return the even numbers in the function (if the number modulo 2 is zero then it's remainder with 2 is 0 and therefore it's even)