

Constructors: The `__init__` Method and Instance Variables 🚀

What's a Constructor? Every time you create a new object, you want it to have its unique attributes (color, model, etc.). Constructors (`__init__` methods) allow each object to start with specific values. It's like building a pizza 🍕 with the toppings you want!

Instance Variables

Instance variables are specific to each object and can vary across objects. For example, two `Car` objects can have different colors, models, and speeds.

Example: Setting Up Your Constructor!

```
class Car:
    def __init__(self, color, model):
        self.color = color    # Instance variable
        self.model = model    # Instance variable

# Creating objects with unique attributes
car1 = Car("blue", "Sedan")
car2 = Car("red", "SUV")

print(car1.color)    # Output: blue
print(car2.model)    # Output: SUV
```