

Constructor in Python

Concepts:

- A **constructor** is a special function in a class that **runs automatically** when an object is created.
- Used for **initializing values** when an object is made.
- Defined using `__init__()` method.

Example:

```
class Person:
    def __init__(self, name, age): # Constructor
        self.name = name # Initializing values
        self.age = age

    def display(self):
        print(f"Name: {self.name}, Age: {self.age}")

p1 = Person("Alice", 25) # Object created, constructor runs automatically
p1.display()
```

Other Important Points:

1. Types of Constructors

- **Default Constructor:** No arguments (except self).
- **Parameterized Constructor:** Accepts arguments to initialize values.