

Dataclass

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1 Dataclasses

A data class is a short hand notation for making a class that has no behaviour apart from setting the initial state of the object attributes.

Introduced in Python 3.7.

```
[1]: from dataclasses import dataclass

@dataclass
class Point:
    x: float
    y: float
    z: float = 0.0

p = Point(1.5, 2.5)
print(p) # produces "Point(x=1.5, y=2.5, z=0.0)"
```

Point(x=1.5, y=2.5, z=0.0)