

# Python Basics for AI Engineers



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# Chapter 1

## Why Python Dominates AI

Python is not fast — **ecosystems are fast**.

AI engineers choose Python because: - libraries encode decades of research - prototyping speed matters more than micro-optimizations - production bottlenecks are elsewhere



## Chapter 2

# Variables and Types

```
x = 10  
y = 3.14  
name = "AI"
```

