Introduction to Data Visualization with Python

COURSE INTRODUCTION



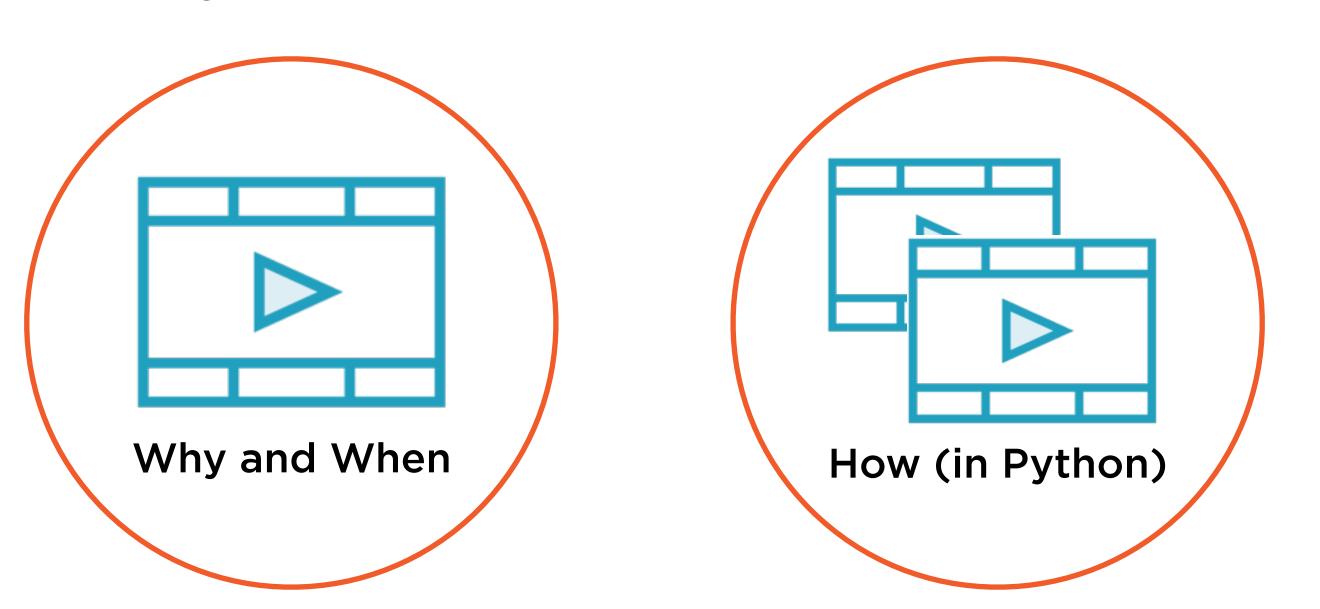
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How This Course Is Structured



Module 4: Histograms

Module 8: Data that is too big





Module 4: Histograms

Module 8: Data that is too big



Module 3: Libraries Intro



Module 9: Practice Problems

Practice with or without your data

Post comments and questions

Why Data Visualization?

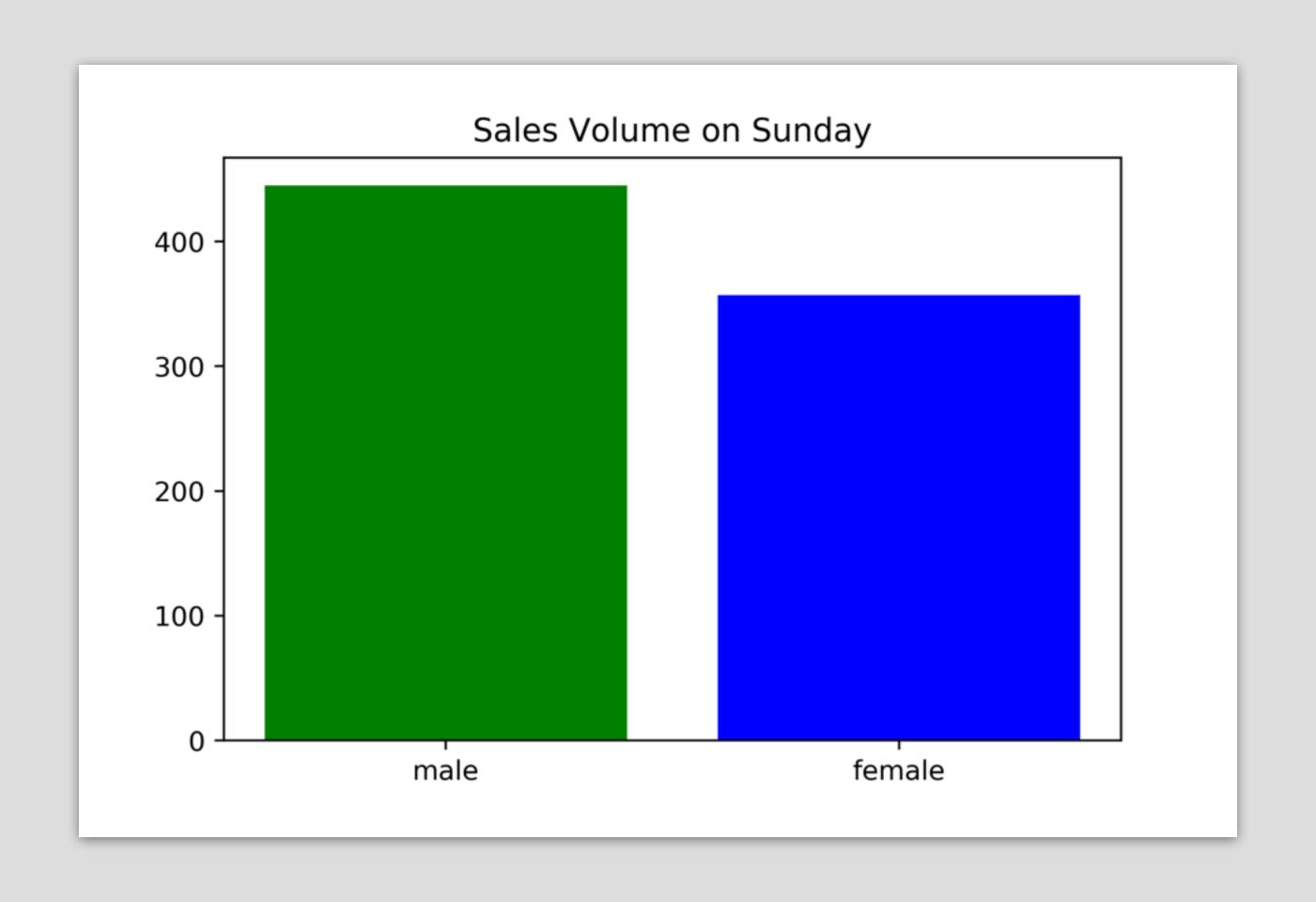
Visualization = First Step in Analysis

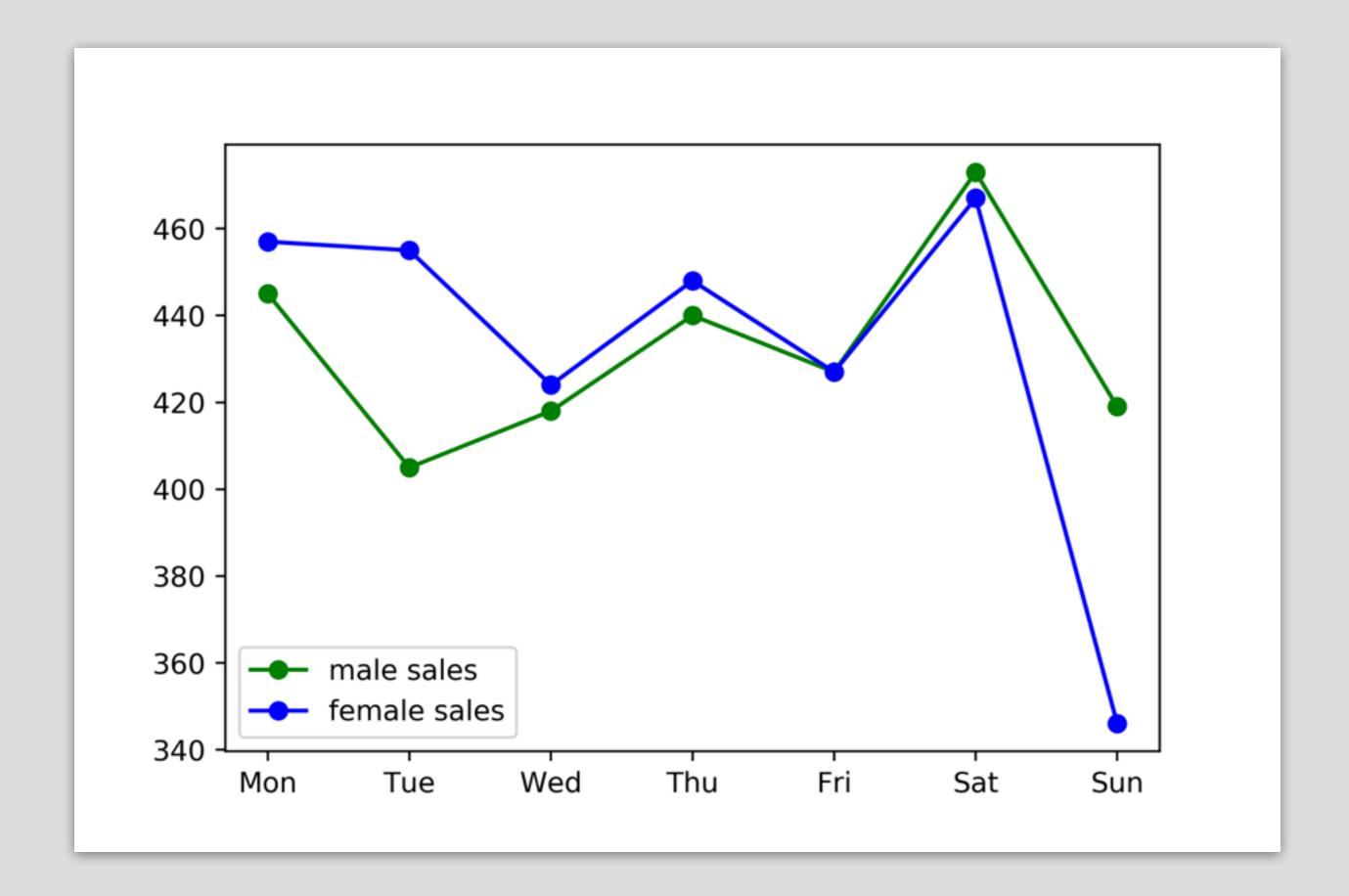
- A/B testing, statistical analysis
- Exploratory analysis, data mining
- Machine learning

Why Visualization = First Step?



Gives you an intuitive understanding
Quick way to test hypotheses
Gives you different perspectives





Why Python?



About



News

Event

['BANANA', 'APPLE', 'LIME'] [(0, 'Banana'), (1, 'Apple'), (2, 'Lime')]

Downloads

Documentation

Compound Data Types

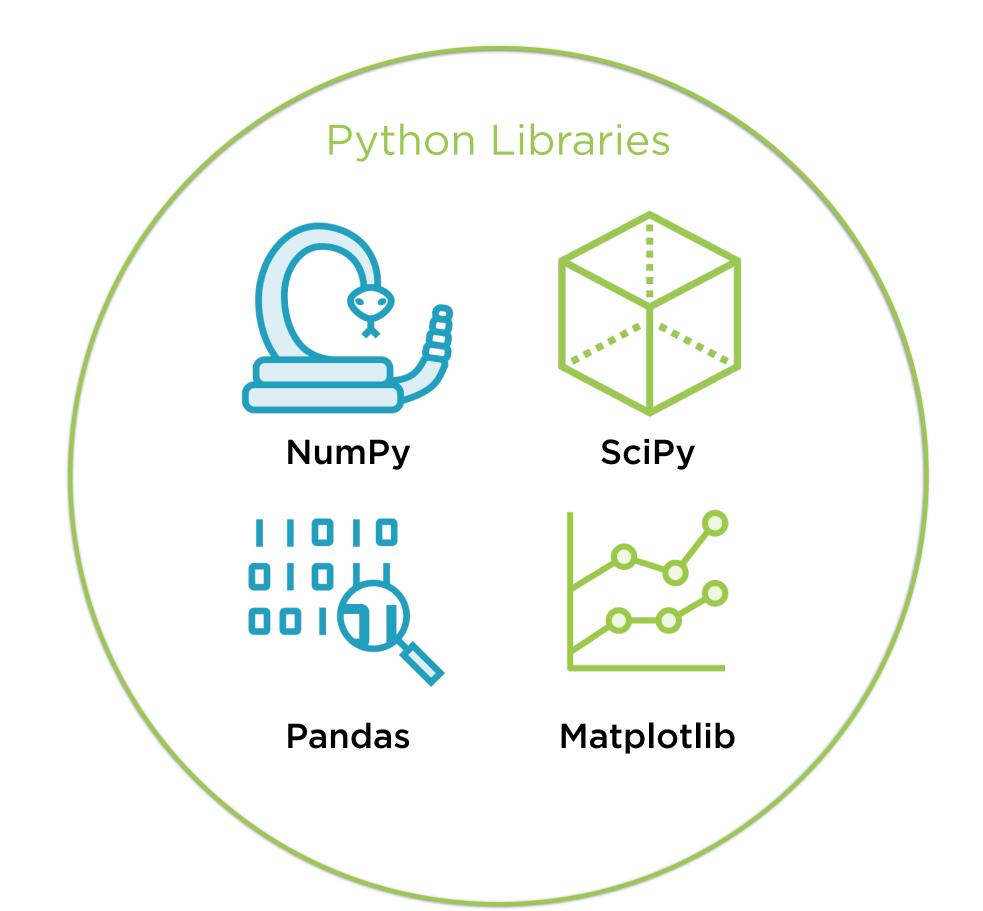
Success Stories

Lists (known as arrays in other languages) are one of the compound data types that Python understands. Lists ca indexed, sliced and manipulated with other built-in functions. More about lists in Python 3

1 2 3 4 5

Python is a programming language that lets you work quickly and integrate systems more effectively. >>>> Learn More

Community



Django makes it easier to build better Web apps more quickly and with less code.

Get started with Django

Who Is This Course For?

Who Is This Course For?



- Software Developer
- Data Scientist / Data Analyst
- Other IT Professionals

Prerequisites

- Familiarity with a C-like language
 (C++, Java, JavaScript, Ruby, Python, etc.)
- Basic knowledge in Python is preferred but not required
- No prior data visualization or statistics knowledge is required