Modular Design
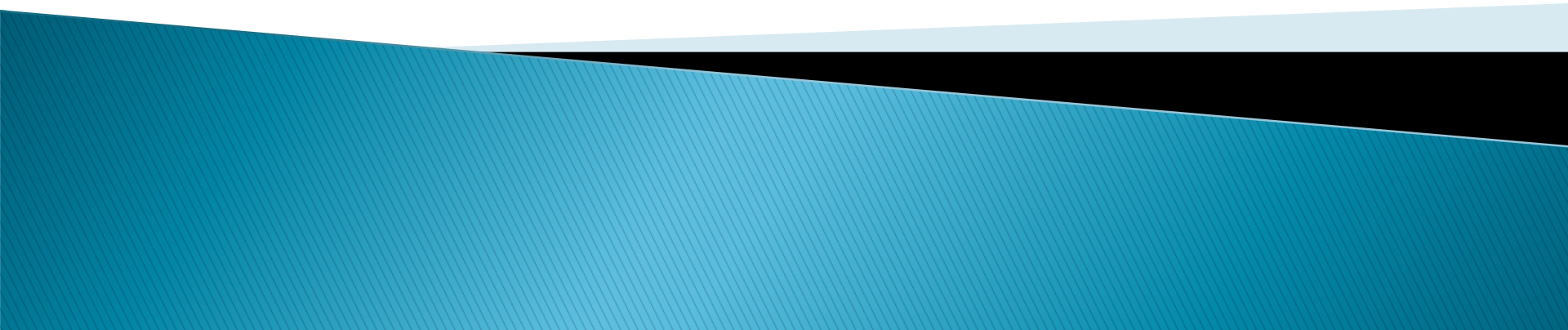
Advanced Python
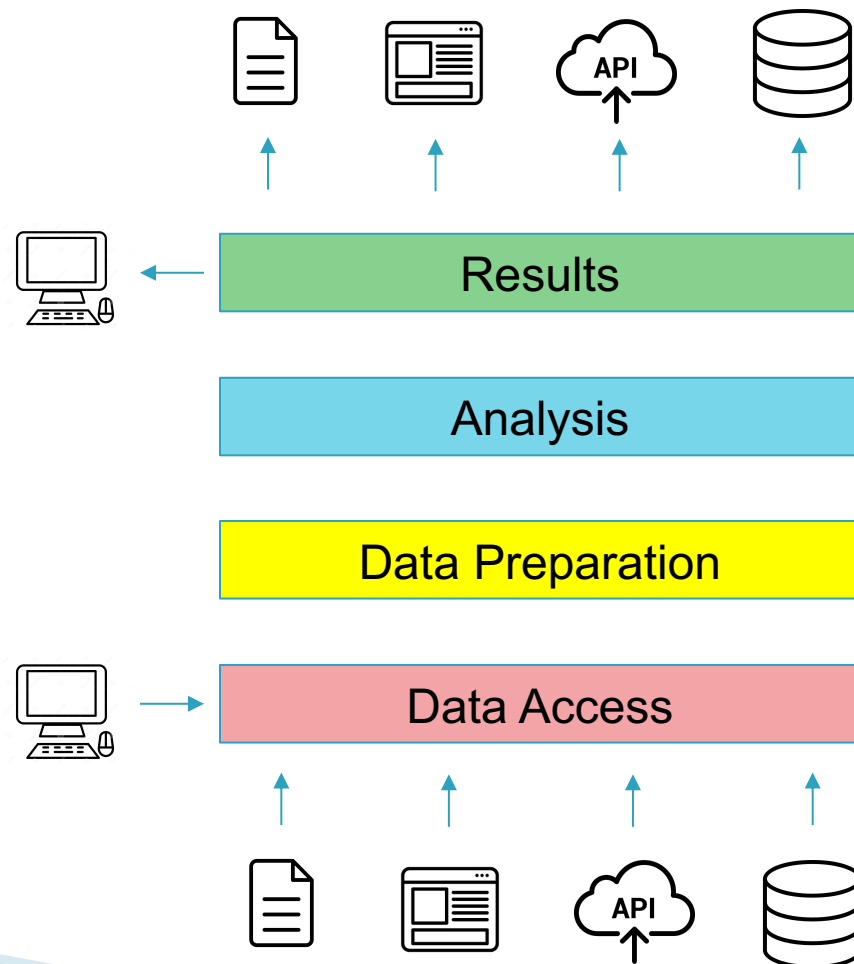
Prof. Groner

Modular Design – Topics
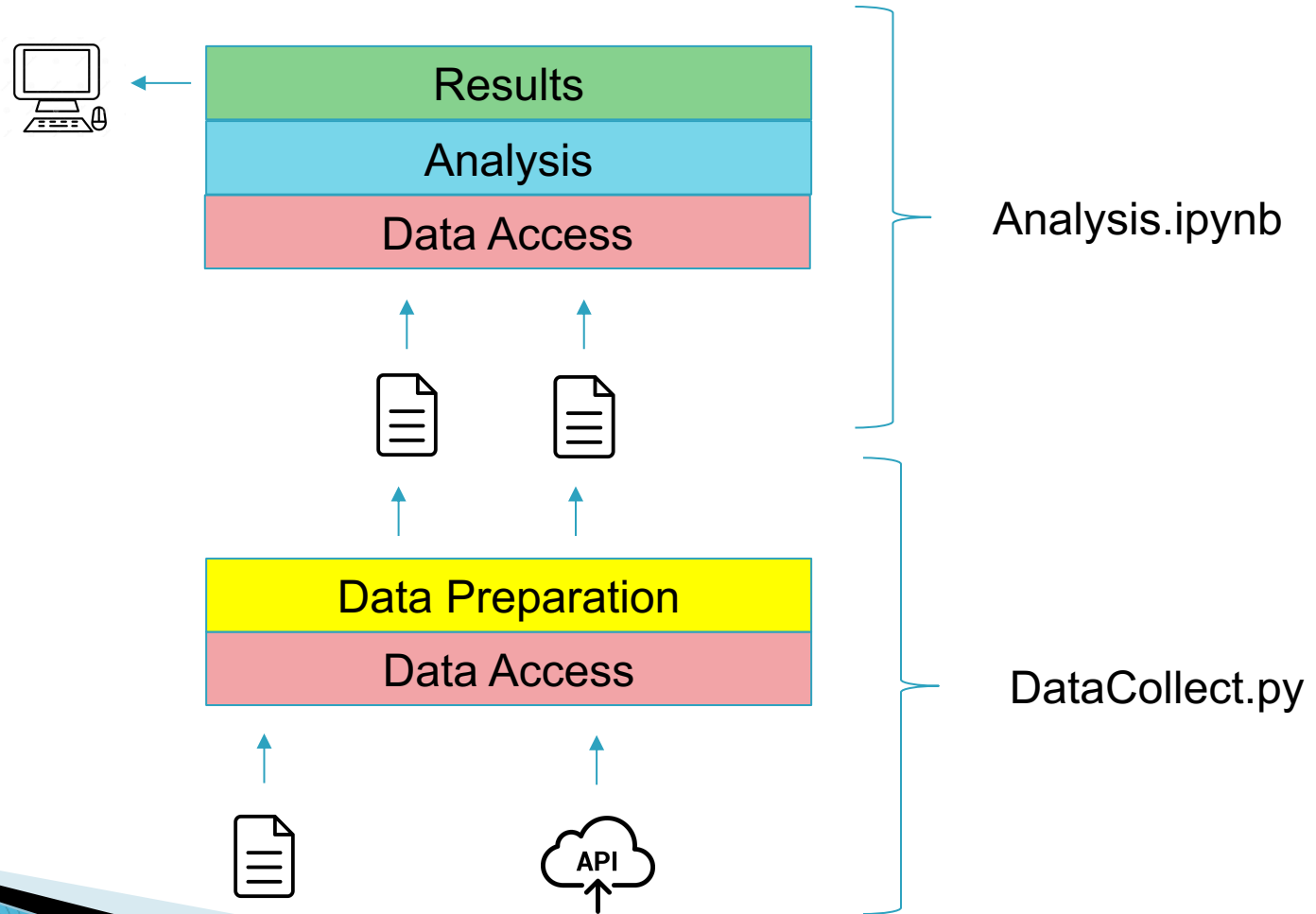
- The Layers

- Examples
  - A study
  - An app

- Code Example – FixedRateBond
  - Console App
  - UI App – Streamlit

Modular Design – Layers
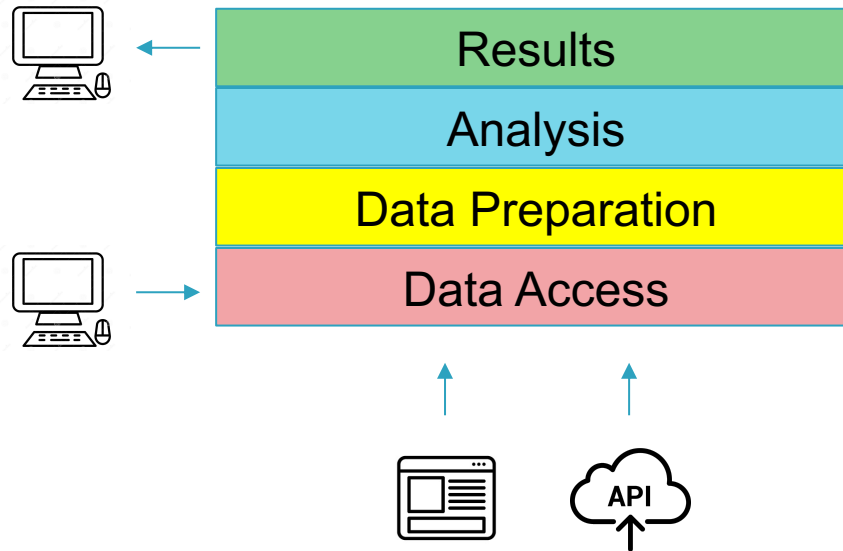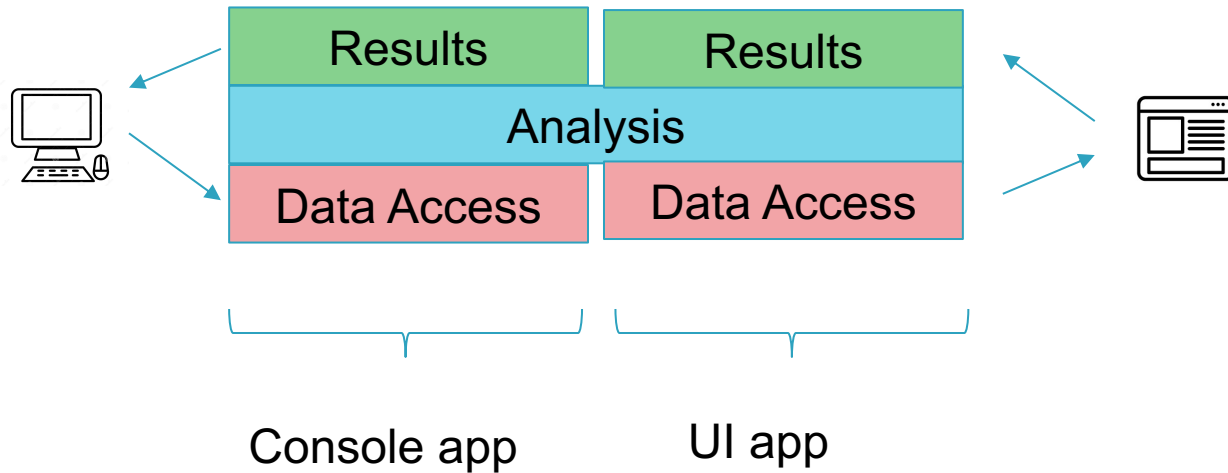
Results

Analysis

Data Preparation

Data Access

Benefit: changes or alternatives in one layer limit impact on other layers

Modular Design Analysis Example

Modular Design Application Example

Modular Design – Topics

▸ The Layers

▸ Examples
  ◦ A study
  ◦ An app

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Modular Design
Alternative Input/Output

Modular Design – Recap

- The Layers

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