Coding for Economists

Session 9 & 10

Jian Cao

7 April 2025

Module Files

Google Drive Folder

Outline

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- K-Means Clustering

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- Choose ML methods

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- Project: Policy Evaluation

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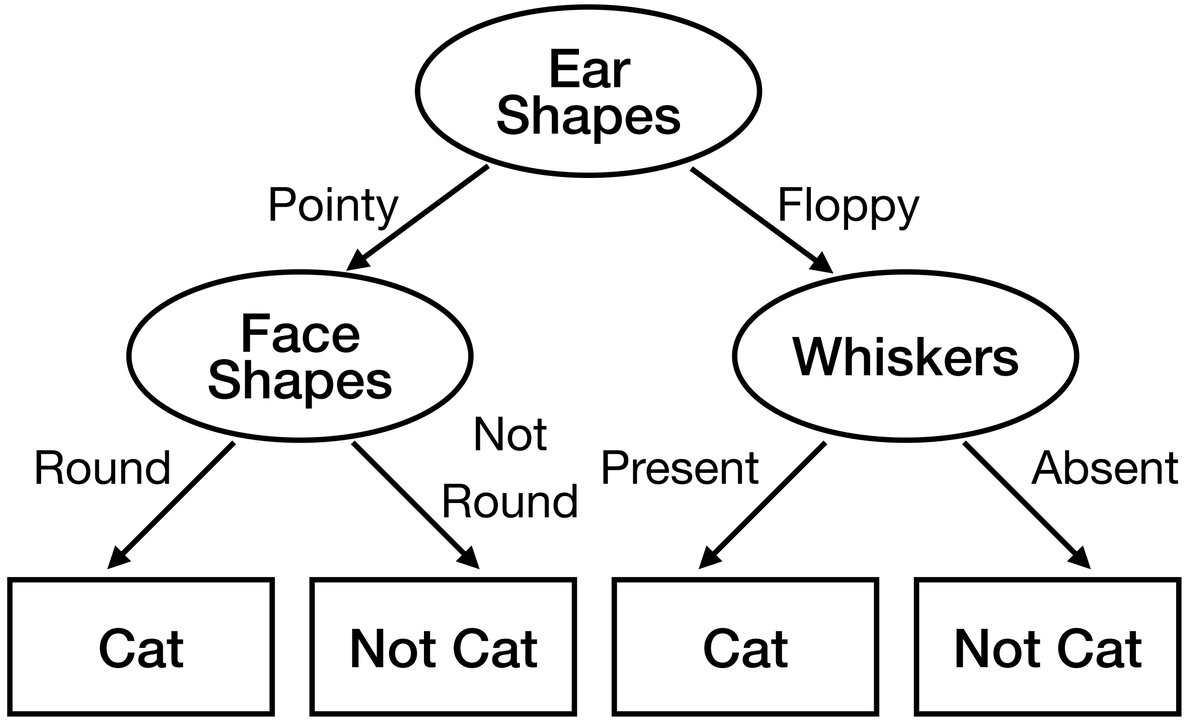
Simulation	Simulate Consumer/Firm Behavior Analyze Market Dynamics	Agent-Based Models (ABM)	Agents can adapt and learn

Decision Trees



Causal Trees

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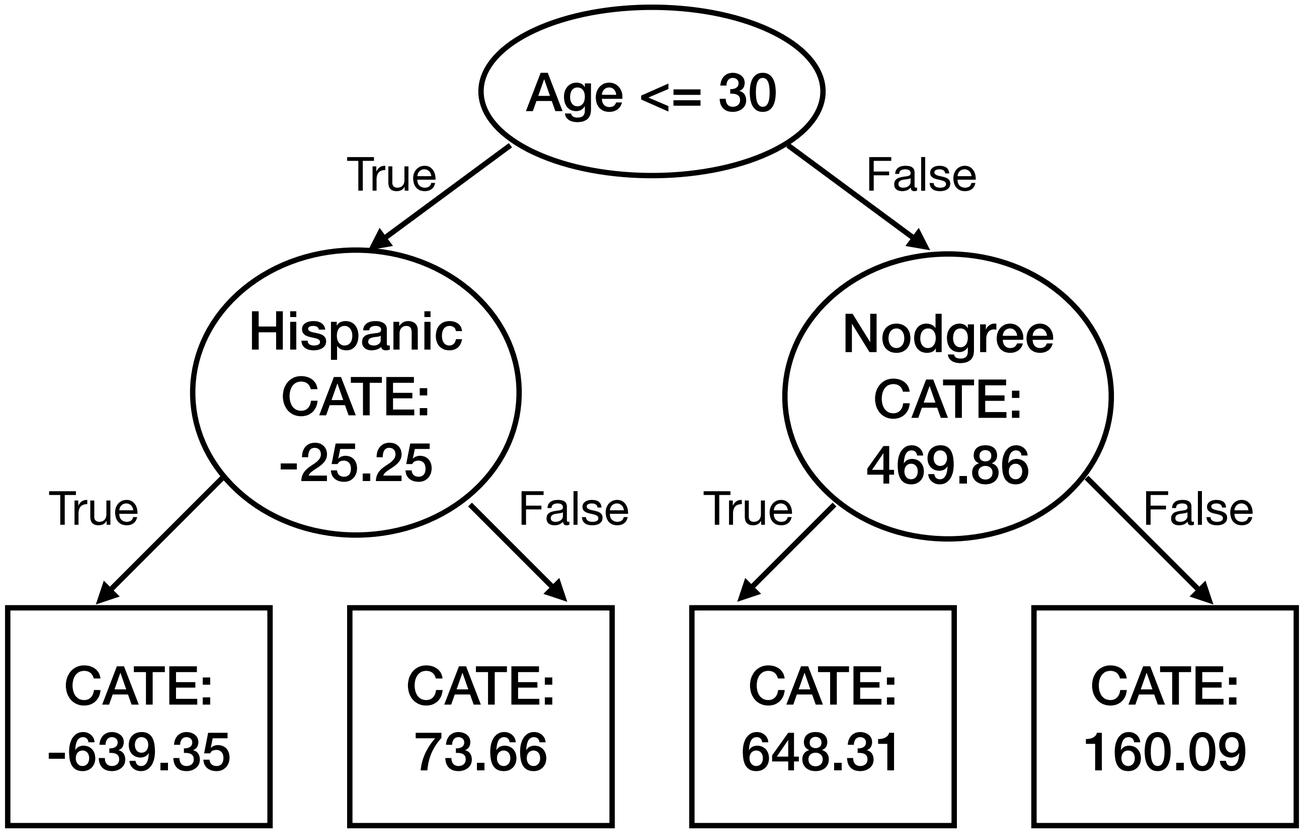
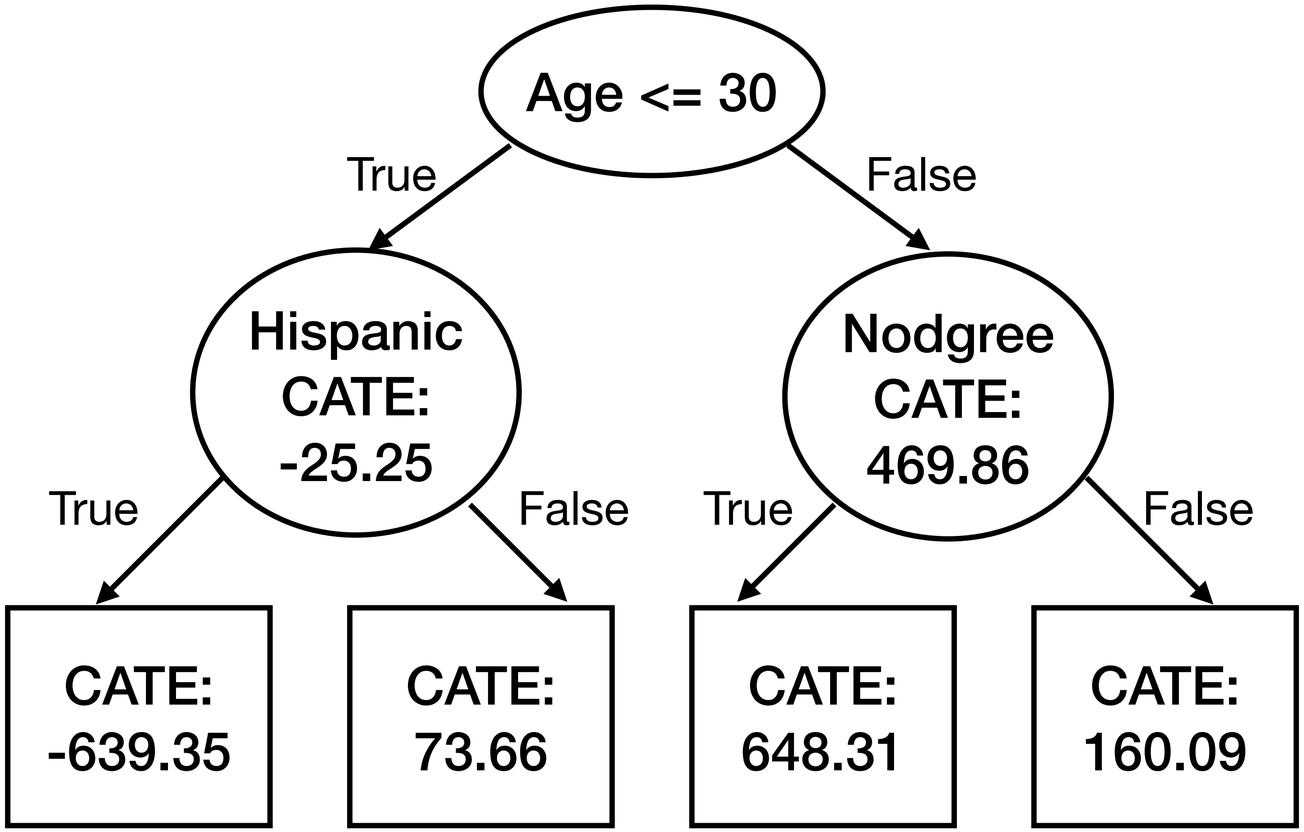


Causal Trees

Individual A

Age: 40

Nodgree: True



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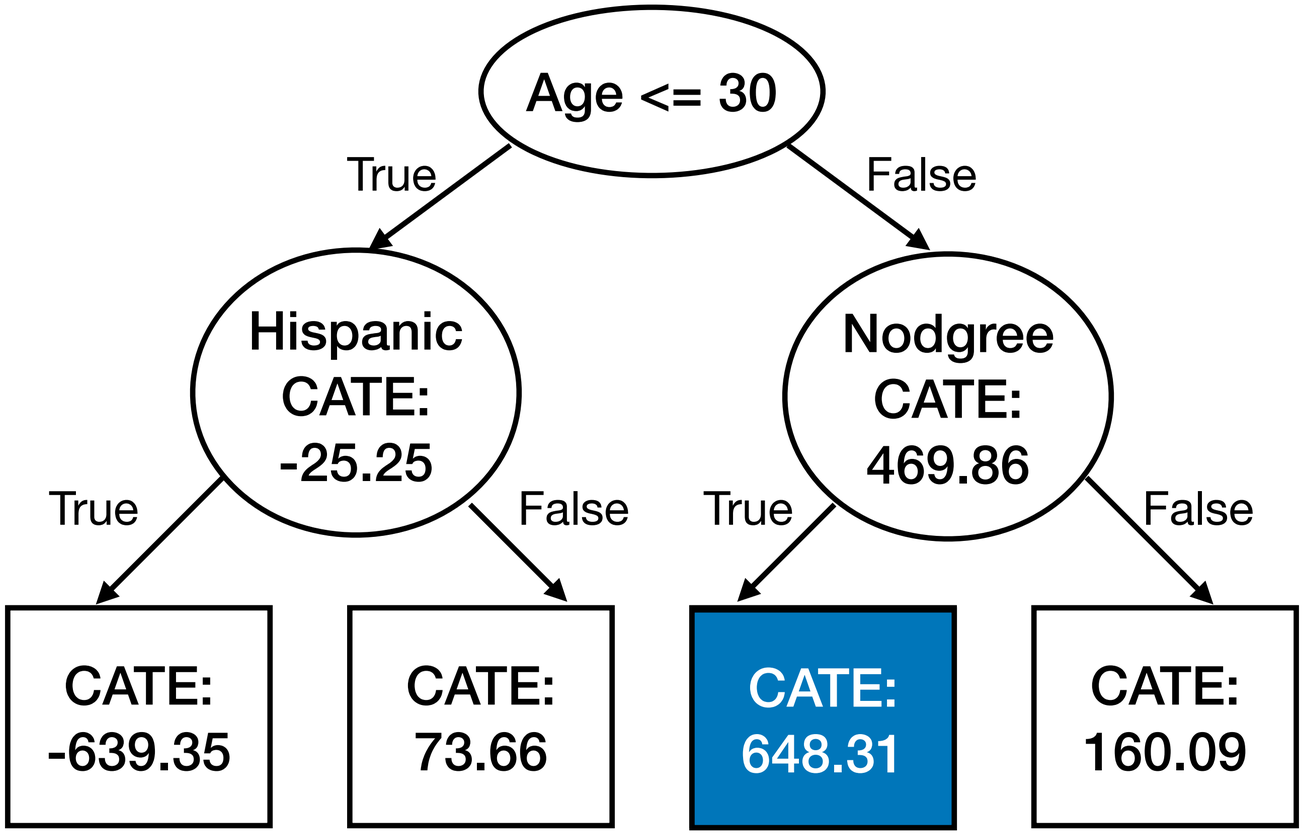

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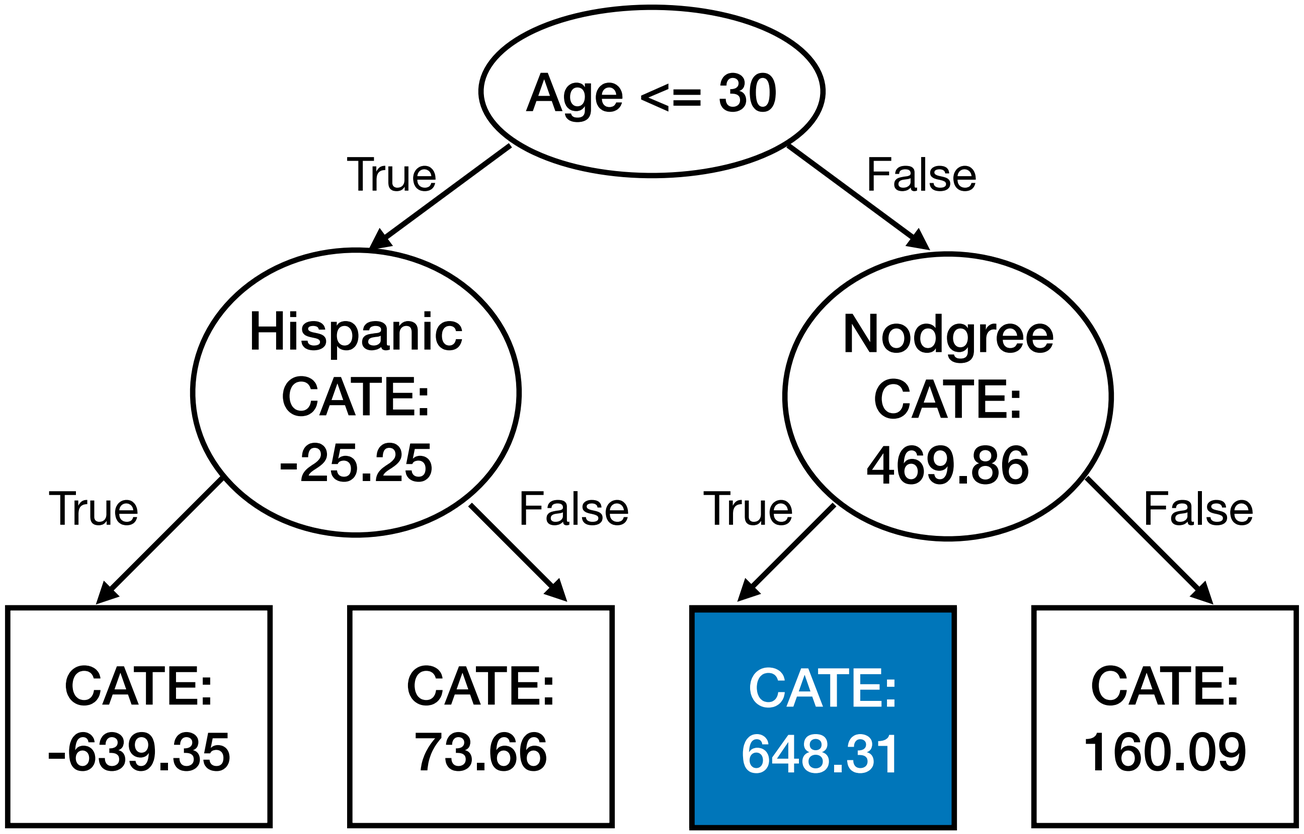

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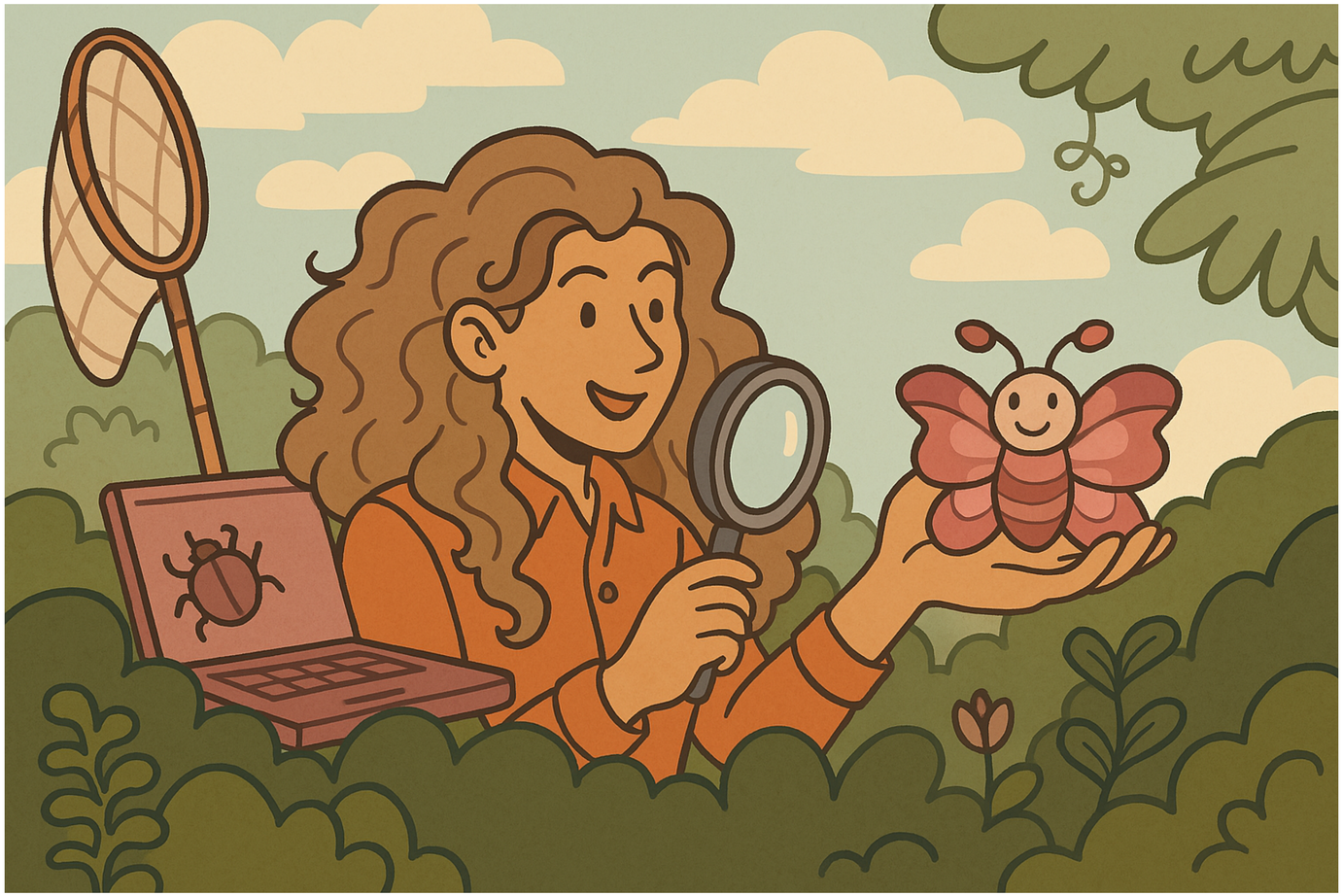
Debugging



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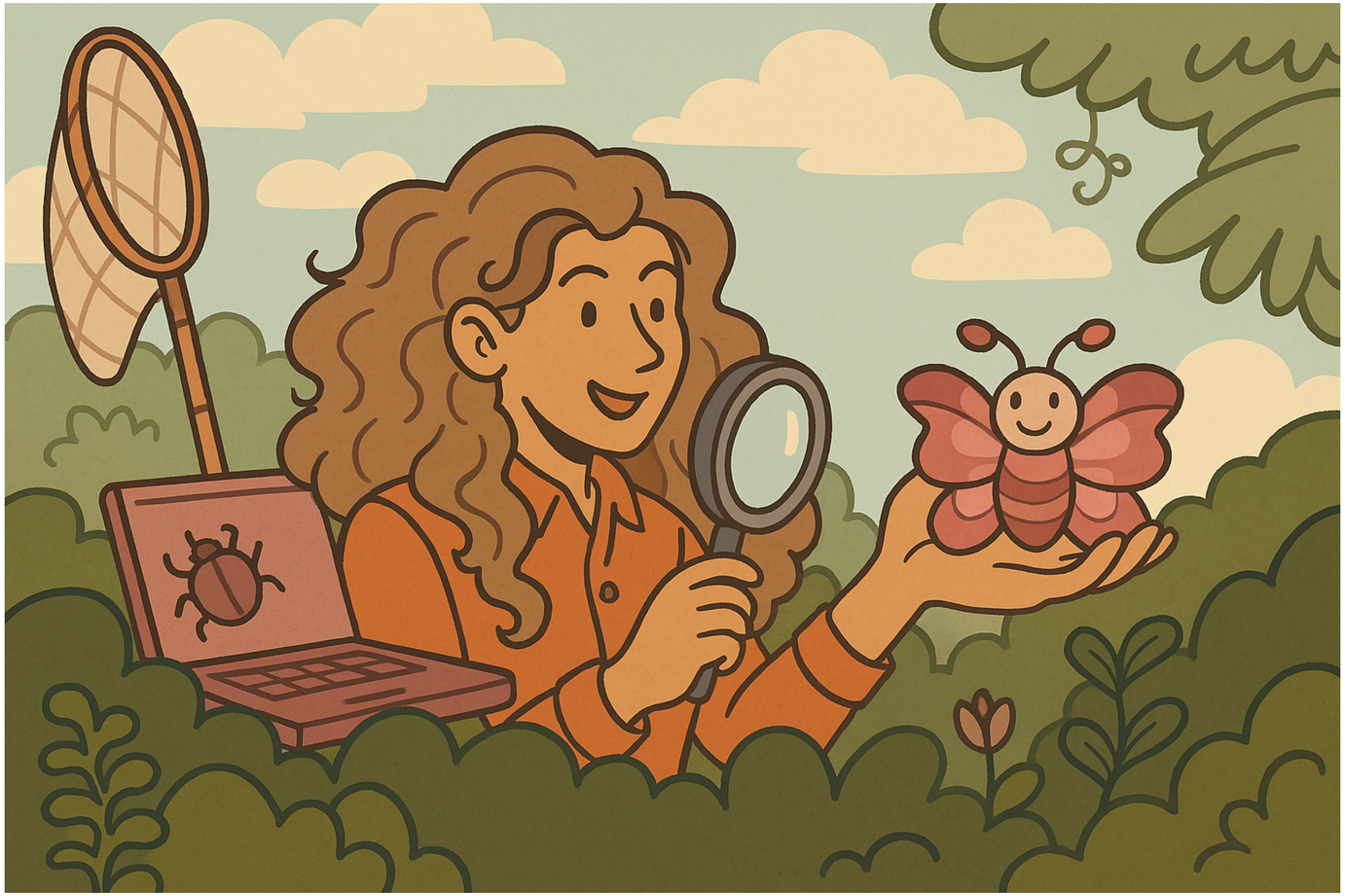

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Version Control

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Local Folder

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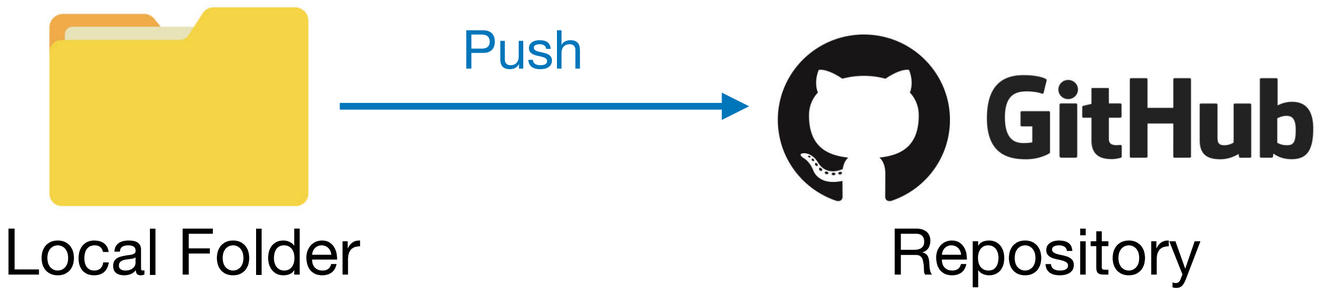

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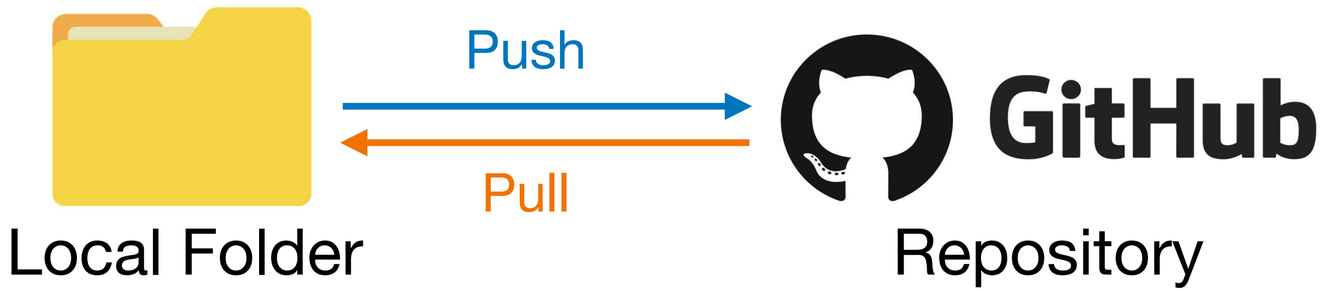

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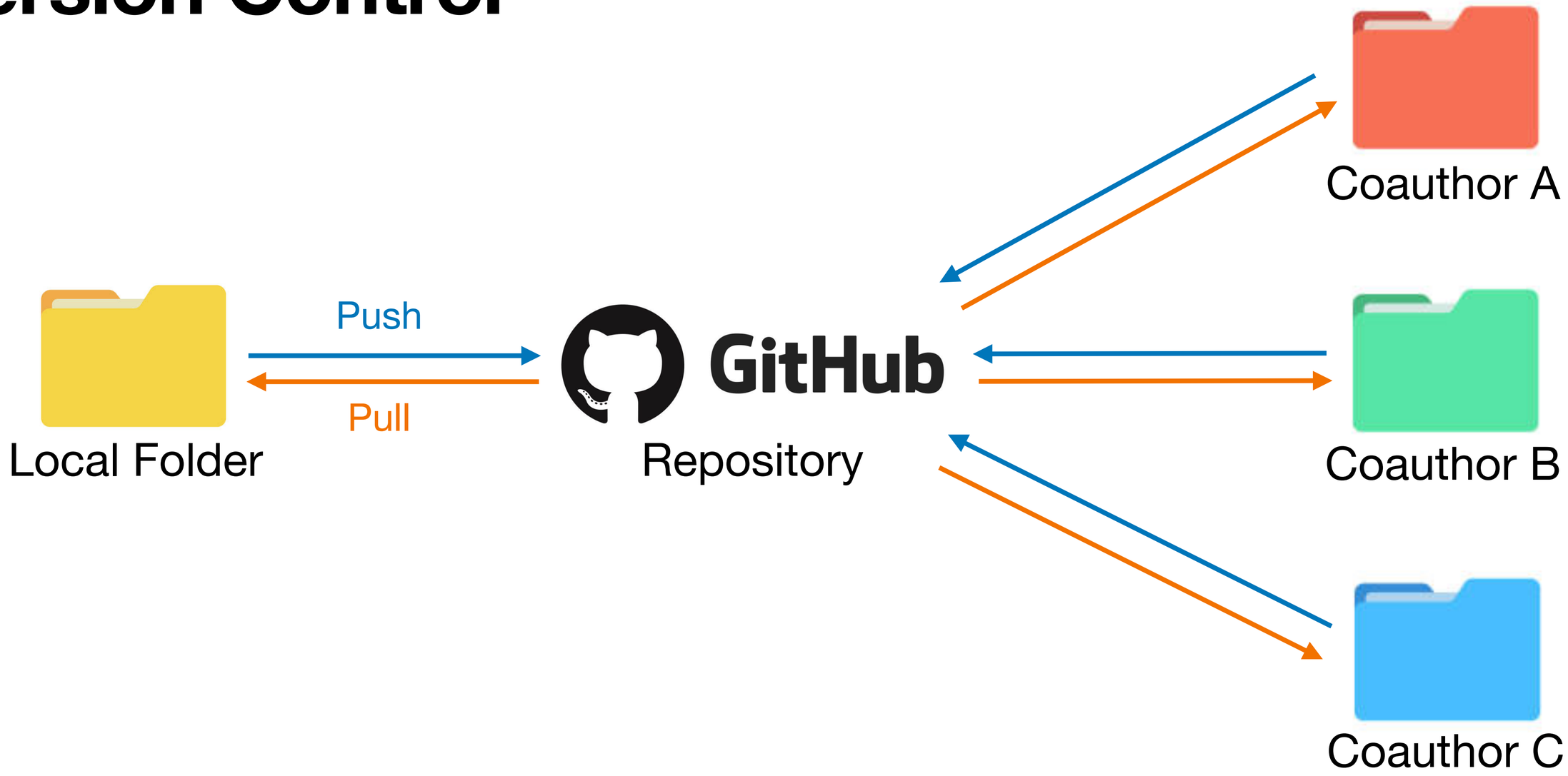

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- Best Practice:
  - Clean code before push
  - .gitignore data/folder
  - Use meaningful commit messages