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August 28, 2021

1 ETE 2324: Data Structures and Algorithms

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- **Trees and Tree Algorithms**
- **Graph and Graph Algorithms**

1.2 Textbooks

- [PythnDS] [Problem Solving with Algorithms and Data Structures using Python](#)
- [Goodrich] Michael T. Goodrich, Roberto Tamassia, Michael H. Goldwasser. **Data Structures and Algorithms in Python** Wiley (2013)

- [Cormen] Cormen, Thomas, Charles Leiserson, Ronald Rivest, and Clifford Stein. **Introduction to Algorithms**. 3rd ed. MIT Press, 2009. ISBN: 9780262033848.

1.3 Environment :

- Python 3 and Jupyter Installation - [Python 3 Installation & Setup Guide](#) - [How to install python and jupyter](#)

1.4 Python Tutorials

- Part 1: [Slides](#), [Notebook](#), [\[HTML\]python/\(python_p1.html\)](#)
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