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python_topics = [  
    "1. Introduction to Python and Setup",  
    "2. Python Syntax and Indentation",  
    "3. Variables and Data Types",  
    "4. Operators and Expressions",  
    "5. Control Flow: if, elif, else",  
    "6. Loops: for and while",  
    "7. Functions and Lambda Expressions",  
    "8. Lists, Tuples, Sets, and Dictionaries",  
    "9. String Handling and Formatting",  
    "10. File Handling",  
    "11. Error Handling: try, except, finally",  
    "12. Modules and Packages",  
    "13. Object-Oriented Programming",  
    "14. Iterators and Generators",  
    "15. Comprehensions: List, Dict, Set",  
    "16. Working with Libraries: NumPy, Pandas",  
    "17. Data Visualization: Matplotlib, Seaborn",  
    "18. Working with APIs and JSON",  
    "19. Virtual Environments and pip",  
    "20. Best Practices and Coding Standards"  
]
```