



PYTHON

In 30 DAYS



*Presented By :
Jakkula Deeksha*

Day 1-5: Introduction to Python

- **Day 1: Get Python installed on your computer. You can use Anaconda, Python's official website, or a code editor like Visual Studio Code.**
- **Day 2-3: Learn about Python's syntax, variables, data types, and basic input/output.**
- **Day 4-5: Explore Python's basic control structures: if statements, loops (for and while), and functions.**



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Day 6-10: Data Structures

- Day 6-7: Study Python's built-in data structures: lists, tuples, and dictionaries.
- Day 8-10: Understand how to manipulate and iterate through these data structures effectively.



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Day 11-15: Object-Oriented Programming (OOP)

- **Day 11-12: Learn the fundamentals of OOP in Python, including classes, objects, attributes, and methods.**
- **Day 13-15: Practice creating and using classes and objects to solve problems.**



Day 16-20: File Handling and Exception Handling

- **Day 16-17: Explore reading and writing files in Python.**
- **Day 18-20: Understand exception handling and how to use try-except blocks.**



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Day 21-25: Python Libraries

- **Day 21-22: Study NumPy for numerical operations and arrays.**
- **Day 23-24: Explore Pandas for data manipulation and analysis.**
- **Day 25: Learn about Matplotlib or Seaborn for data visualization.**



Day 26-30: Web Development with Flask (Optional)

- **Day 26-27: Install Flask and create a simple web application.**
- **Day 28-29: Add routes, templates, and forms to your Flask app.**
- **Day 30: Deploy your Flask app on a cloud platform (e.g., Heroku) or a web host.**



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Let's
CONNECT



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