

# Python Masterclass Repository

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This repository contains all the materials, reference sheets, class handouts, and photos from the **6-day Python Masterclass** conducted in Udaipur from **November 21 to November 27, 2024**.

## Repository Structure

The repository is organized into the following folders for easy navigation:

### 1. Photos

- Contains event photos categorized by day.
- Subfolders:
  - **Day2** (22 Nov): Captured student engagement moments.
  - **Day3** (23 Nov): Includes pictures of debugging exercises and class activities.
  - **Day4** (25 Nov): Highlights group discussions and problem-solving.
  - **Day5** (26 Nov): Captures collaborative efforts on data structures.
  - **Day6** (27 Nov): Features group photos and project showcases.

### 2. Reference Sheets

- Includes topic-specific reference materials shared during the sessions.
- Files:
  - **Day1\_Basics.pdf**: Covers print function, operators, and comments.
  - **Day2\_Variables\_Strings.pdf**: Explanation of variables and string manipulation.
  - **Day3\_Booleans\_Conditionals\_Loops.pdf**: Covers logical constructs and loops.
  - **Day4\_Nested\_Loops\_Conditionals.pdf**: Advanced looping and conditional logic.
  - **Day5\_Data\_Structures.pdf**: Tuples, Lists, and Dictionaries.
  - **Day6\_Functions\_FileHandling\_Pickle.pdf**: Functions and file handling techniques.

### 3. Class Sheets

- Detailed handouts used for in-class teaching.
- Subfolders contain material for each day, ensuring students can revisit session details.

## How to Use the Repository

1. **Navigate by Day**: Access materials and photos related to specific days.
2. **Download Reference Sheets**: Use these as study guides or refreshers.
3. **Review Class Sheets**: Ideal for following along with the topics taught.
4. **Photos**: Enjoy highlights of the sessions and relive the masterclass.

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## License

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