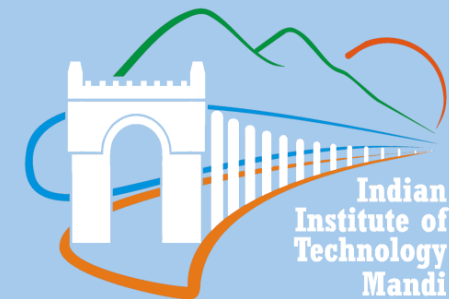




# IIT Mandi Workshop

## Python for Biologists



**Dr. Prince Kumar Lat**

# About Me

- Rooted in engineering, with a deep curiosity and interest in biology



## Education

- ❖ B.Tech – BSBE, IIT Kanpur, India
- ❖ PhD – Biophysics & Comp Bio, SFU, Canada

## Professional Experience

- ❖ Postdoctoral Researcher, BC Cancer, Canada
- ❖ Biostatistician, Platform Life Sciences, Canada
- ❖ Senior Data Scientist, Redwood AI, Canada

## Teaching

- ❖ Bioinformatics
- ❖ Nucleic Acids
- ❖ Python/R for data analysis
- ❖ Molecular Bio & Biochem


## Research



- ❖ AI-driven Drug Synthesis
- ❖ MD Simulations & NGS
- ❖ DNA Nanotechnology

## Hobbies

- ❖ Playing Flute & Tabla
- ❖ Writing Poetries

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## Python for Biologists and Beginners

Mastering Python for Biological Data, Automation, and Visualization

Bestseller

Created by [Prince Kumar Lat](#)


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### What you'll learn

✓ Set up a robust Python development environment using Anaconda Navigator and efficiently manage packages for bioinformatics applications.

✓ Gain expertise in file handling, data structures, and control flow logic, applied through lots of


✓ Master advanced numeric operations, typecasting, and string manipulation techniques through practical exercises designed to handle complex data...

✓ Excel in Biopython, regular expressions, data analysis, and visualization with Pandas,




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# Resources

## GitHub

- <https://github.com/princeklat03/IIT-Mandi-Workshop.git>

## Contact

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