



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**JOEL JOSEPH J**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **65** %

Online Assignments	23.06/25	Proctored Exam	41.49/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11220**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2024**  
**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24CS20S961100088

To verify the certificate



No. of credits recommended: 3 or 4