



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SWAPNIL KISHAN JOSHI**  
for successfully completing the course



## Python for Data Science

with a consolidated score of **56** %

Online Assignments	24.75/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: **11133**

**Prof. Andrew Thangaraj**

Chair

Centre for Outreach and Digital Education, IITM

**Jul-Aug 2024**

**(4 week course)**

**Prof. Vignesh Muthuvijayan**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS68S144801516

To verify the certificate



No. of credits recommended: 1 or 2