



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ASHISH BAPURAO MANWATKAR
for successfully completing the course

Python for Data Science

with a consolidated score of **41** %

Online Assignments	10.67/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: **4711**



Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Feb 2023

(4 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS21S25451299

To validate the certificate



No. of credits recommended: 1 or 2