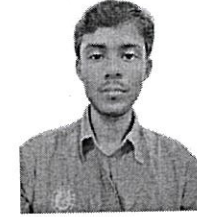


Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AJAY ANANT LAD
for successfully completing the course

Python for Data Science

with a consolidated score of **62** %

Online Assignments	21.92/25	Proctored Exam	40.56/75
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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)

**Certified as
TRUE COPY**

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator

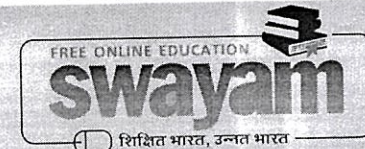
IIT Madras



Indian Institute of Technology Madras

Ramniranjan Jhunjhunwala
Principal

**Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.**

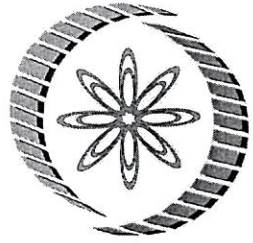


Roll No: NPTEL23CS21S45201012

To validate the certificate

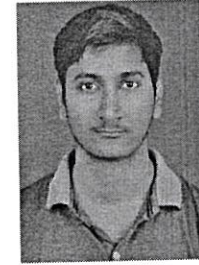


No. of credits recommended: 1 or 2



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AYUSH SARVODAY TIWARI
for successfully completing the course



Python for Data Science

with a consolidated score of **57** %

Online Assignments	20.33/25	Proctored Exam	36.23/75
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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)

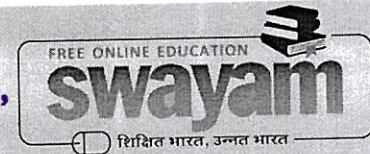
**Certified as
TRUE COPY**

Principal
Ranniranjn Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS21S45191231

To validate the certificate



No. of credits recommended: 1 or 2