

Sri Sathya Sai Seva Organisations (India), Tamil Nadu

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

JAGADEESAN

SSSSO_PY23_13

has successfully completed the online course

"Python - Beginner Level"

(18 Hours of Training & Practical Exercises)

Awarded on 6th August 2023

SRI SURESH KR

State President, SSSSO, Tamil Nadu

TOPICS COVERED

Beginner Level (18 Hours)

Understanding Computational Thinking & Programming with Turtle, Basic Building Blocks - Data types, Variables, Operators, Expressions, Read, Process & Display, Decision Control in Python, Iteration in Python, User defined functions, Working with Data Structures: List, Tuples, Sets, Dictionary.

Intermediate Level (Data Science) (36 Hours)

Working with NumPy, Pandas - Reading, cleaning & exploring, slicing, filter, group, sort, calculation, write to excel, more pandas commands, Data Visualization - matplotlib, Data Science Project