MOONPRENEUR
Future-proofing the Next Generation

MOONCAMP

Programming with Python Curriculum

Advanced Level (10-13 years) | 8 Sessions | 90-minute Each

Topic 1
Fundamentals of Python

- Learn the Basics of Python, Including Variables, Data Types, Functions, Modules, and Control Structures

Topic 2
Data Science Essentials

- Understand How Data Science Powers Recommendation Systems and How to Organize Data for Analysis

Topic 3
Exploring Data (EDA)

- Learn Statistics and How to Organize & Filter Data with Numpy to Uncover Useful Insights

Topic 4

Weighted Ratings and Sorting Data

- Discover How Ratings Work and How to Sort Data to Make Informed Decisions

Topic 5

Data Visualization and Building the First Recommender System

- Create Charts to Visualize Data and Build a Simple Recommendation System Based on Ratings

Topic 6

Personalizing and Building a Recommendation Function

- Personalize Recommendations and Learn How to Deploy Your System for Real-Time Use