



# PYTHON AS A SPACE EXPLORATION

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## COURSE OUTLINES

- ❖ Introduction to Computer Science with Python
- ❖ Getting Started(Environment Setup)
- ❖ Basic Syntax
- ❖ Conditionals
- ❖ Loops
- ❖ Data Structure
- ❖ Program Exception VS Reality (try and catch)
- ❖ Functions
- ❖ Introduction to Algorithms
- ❖ Introduction Clean Code
- ❖ Object Oriented Programming
- ❖ File Input/output
- ❖ Databases
- ❖ Introduction System Analysis and Design
- ❖ Unit Testing
- ❖ Graphical User interface with Tkinter
- ❖ Introduction to Web Technologies
- ❖ Web Backend with Flask
- ❖ Git and Github
- ❖ Advance Your Career (Resume and seeking for a job)