

Social Media Toolkit - Welcome!

Thank you for supporting the “Data-Oriented Python Programming and Debugging” course series.

In this toolkit, you will find messaging from the “Data-Oriented Python Programming and Debugging” course series landing page, the course series logo, downloads to promotional videos, a shortened link to the course series description page, and sample social media posts that you are welcome to share through your channels.

Please contact us at ai-marketing@umich.edu if you have any questions or ideas for additional opportunities to collaborate in support of this course.

Social Media Toolkit - About

Series Description

In “Data-Oriented Python Programming and Debugging,” you will develop Python debugging skills and learn best practices, helping you become a better data-oriented programmer. Courses in the series will explore how to write and debug code, as well as manipulate and analyze data using Python’s NumPy, pandas, and SciPy libraries. You’ll rely on the OILER framework – Orient, Investigate, Locate, Experiment, and Reflect – to systematically approach debugging and ensure your code is readable and reproducible, ensuring you produce high-quality code in all of your projects. The series concludes with a capstone project, where you’ll use these skills to debug and analyze a real-world data set, showcasing your skills in data manipulation, statistical analysis, and scientific computing.

Series Image



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Social Media Toolkit - Social Graphics

Primary Social Image

OPEN ONLINE SERIES
**Data-Oriented Python
Programming and Debugging**

ENHANCE your data manipulation,
analysis, debugging skills in Python



- » Develop reliable coding methodologies
- » Practice debugging and extending code in a capstone project
- » Gain access to real-world data applications to advance your skills

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Secondary Social Image Image

OPEN ONLINE SERIES
**Data-Oriented Python
Programming and Debugging**

4-Course Series Includes:

- » Python Debugging: A Systematic Approach
- » NumPy and Pandas Basics for Future Data Scientists
- » Statistics with Python Using NumPy, Pandas, and SciPy
- » Python Debugging Capstone Project: Fixing and Extending Code


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Quote Card

Data-Oriented Python
Programming and Debugging

“If you're like most students of programming, you see error messages and they bring some emotions between **annoyance and panic**. ... If you follow [the OILER] systematic process, you will find that you **get better and better**, and you start to be able to fix lots of bugs really fast. **”**



Paul Resnick
Michael D. Cohen Collegiate
Professor of Information
School of Information

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Social Media Toolkit - Social Videos

Series Breakdown

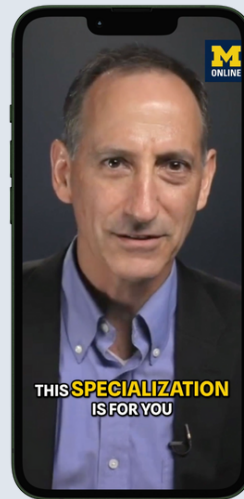


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Python Coding and Deugging

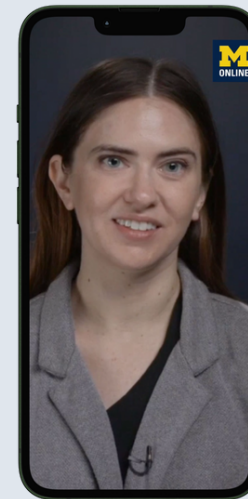


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Write Error-Free Code



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Recommended Hashtags:

#Python | #Debugging | #Coding | #LearnToCode | #DataScience | #PythonProgramming

Debug smarter, not harder! 🐛❌ Learn efficient debugging strategies, data manipulation techniques, and best coding practices from top faculty @UMSI. Enroll in the “Data-Oriented Python Programming and Debugging” series today. Enroll now:

Recommended Content: Social Images

The “Data-Oriented Python Programming and Debugging” online course series is your self-paced, self-directed path to enrollment in @UMSI’s Master of Applied Data Science program. Begin your data science journey by learning from top-ranked faculty on how to debug and optimize your code. Learn more:

Recommended Content: Social Images

Coding errors slowing you down? 😞 Learn to write, debug, and analyze Python code from faculty experts @UMSI. Gain hands-on experience with debugging frameworks and data manipulation techniques used by top data professionals. Learn more:

Recommended Content: Quote Card

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Social Media Toolkit - Social Copy

Short URL: <https://myumi.ch/5kAkg>

Recommended Hashtags:

#Python | #Debugging | #Coding | #LearnToCode | #DataScience | #PythonProgramming

Learn how to systematically debug and optimize your code with the online four-course series, “Data-Oriented Python Programming and Debugging” from Michigan Online! Learn to debug like a pro using NumPy, pandas, and SciPy with real-world datasets. Learn more:

Recommended Content: Python Coding and Debugging Video

An expert faculty team from @UMSI has a new four-course series available on Michigan Online that teaches you a rigorous and practical approach to finding, fixing, and documenting coding errors. Learn the debugging skills needed to excel in data science. Enroll now:

Recommended Content: Series Breakdown Video

Stop writing buggy code! Learn key debugging techniques to catch errors before they slow you down. In “Data-Oriented Python Programming and Debugging,” the four-course series from the faculty at @UMSI, you'll gain skills to:

- ✓ Identify and fix bugs faster
- ✓ Write clean, reproducible code
- ✓ Debug real-world datasets using Python

Take the next step in your data career today:

Recommended Content: Write Error-Free Code Video

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