Welcome to this CoGrammar QnA: Classes and Methods

The session will start shortly...

Questions? Drop them in the chat.

We'll have dedicated moderators

answering questions.





Software Engineering Session Housekeeping

- The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment for all - please engage accordingly.
 (Fundamental British Values: Mutual Respect and Tolerance)
- No question is daft or silly ask them!
- There are **Q&A sessions** throughout this session, should you wish to ask any follow-up questions.
- If you have any questions outside of this lecture, or that are not answered during this lecture, please do submit these for upcoming Academic Sessions. You can submit these questions here: <u>Questions</u>



Software Engineering Session Housekeeping cont.

- For all non-academic questions, please submit a query:
 www.hyperiondev.com/support
- Report a safeguarding incident:
 <u>www.hyperiondev.com/safeguardreporting</u>
- We would love your feedback on lectures: <u>Feedback on Lectures</u>
- If you are hearing impaired, please kindly use your computer's function through Google chrome to enable captions.

Safeguarding & Welfare

We are committed to all our students and staff feeling safe and happy; we want to make sure there is always someone you can turn to if you are worried about anything.

If you are feeling upset or unsafe, are worried about a friend, student or family member. or you feel like something isn't right, speak to our safeguarding team:



Ian Wyles Designated Safeguarding Lead



Simone Botes



Nurhaan Snyman



Rafig Manan

Scan to report a safeguarding concern

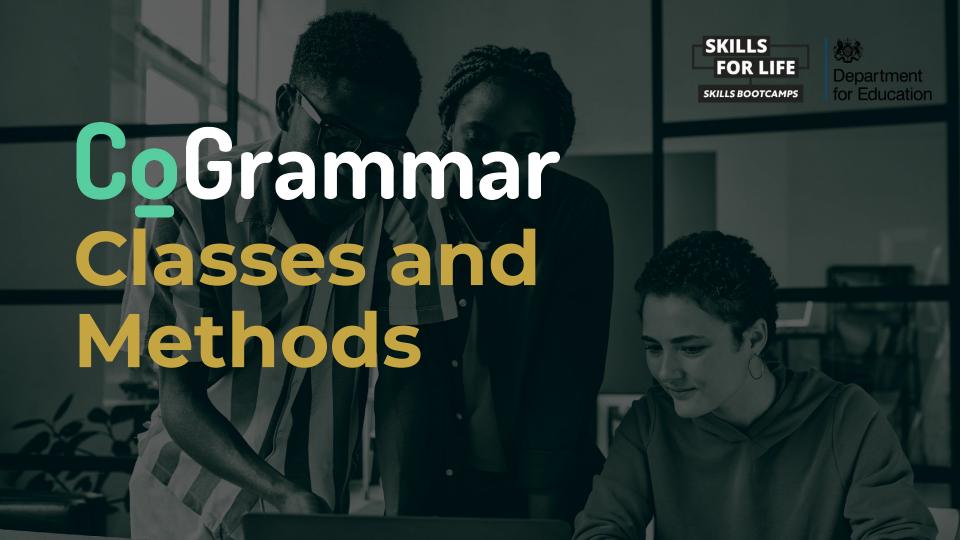


or email the Designated Safeguarding Lead: Ian Wyles safeguarding@hyperiondev.com









Agenda: Financial Transaction Analyzer System





Building an Uber-like Ride Matching System

- 1. Overview of the Financial Transaction Analyzer System
- 2. Functions
- 3. Lambda, Map, Reduce, Filter
- 4. Decorators
- 5. Text File IO
- 6. Classes, Methods, staticmethod, classmethod, and instances
- 7. Live Code Walkthrough and Discussion

Break: 10 Minutes

Notes: Your questions take precedence



Resources

Additional Resources

- o <u>Lists</u>
- Glossary Python 3.13.1 documentation
- o <u>2. Functions and Modules</u>
- Classes and Objects Learn Python Free Interactive Python Tutorial



Questions and Answers





Thank you for attending







