



Welcome to this **CoGrammar** Lecture: QnA - Extended Learning - Functions

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: [Questions](#)

Software Engineering Session Housekeeping cont.

- For all **non-academic questions**, please submit a query: www.hyperiondev.com/support
- Report a **safeguarding** incident: www.hyperiondev.com/safeguardreporting
- We would love your **feedback** on lectures: [Feedback on Lectures](#)

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



Rafiq Manan



Ronald Munodawafa



Tevin Pitts

Scan to report a
safeguarding concern



or email the Designated
Safeguarding Lead:
Ian Wyles

safeguarding@hyperiondev.com

**SKILLS
FOR LIFE**

SKILLS BOOTCAMPS



Department
for Education

CoGrammar

Extended Learning - Functions

Agenda: Building an Uber-like Ride Matching System



Building an Uber-like Ride Matching System

1. Overview of the Uber-like System
2. Using Decorators for Validation
3. Calculating Total Distance for Drivers
4. Filtering and Mapping Nearby Drivers
5. Calculating Average Fares and Selecting the Best Driver
6. Live Code Walkthrough and Discussion

Break: 10 Minutes

Notes: Your questions take precedence

Resources

- **Additional Resources**

- [Lists](#)
- [Glossary — Python 3.13.1 documentation](#)
- [2. Functions and Modules](#)

Questions and Answers



Thank you for attending



Department
for Education

CoGrammar

