



SQL

 HyperionDev



Lecture – Housekeeping

- ❑ The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment - please engage accordingly.
- ❑ No question is daft or silly - **ask them!**
- ❑ There are Q/A sessions midway and at the end of the session, should you wish to ask any follow-up questions.
- ❑ You can also submit questions here:
hyperiondev.com/sbc4-cs-questions
- ❑ For all non-academic questions, please submit a query:
www.hyperiondev.com/support
- ❑ Report a safeguarding incident:
hyperiondev.com/safeguardreporting
- ❑ We would love your feedback on lectures:
<https://hyperiondev.wufoo.com/forms/zsgv4m40ui4i0g/>

Previously:

- Recapped on Bash syntax
- Saw how we could integrate Python scripts
- Automation & System monitoring

Objectives

Be introduced to the syntax for:

- Creating tables (inserting)
- **SELECT** Statement
- Conditions using **WHERE**
- Functions & Deleting



Poll for the day:



**Do you know how to
create/manipulate a table in SQL?**



What is SQL ?

“ SQL (pronounced “**ess-que-el**”) stands for Structured Query Language. SQL is used to communicate with a database. According to ANSI (American National Standards Institute), it is the standard language for relational database management systems.”

“SQL statements are used to perform tasks such as update data on a database, or retrieve data from a database. ”



Homework:

Explore the SQL Cheat Sheet:)



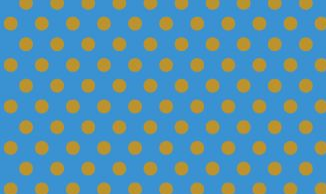
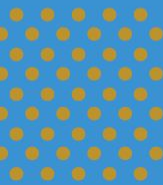
What we've covered:

We've learned what SQL is and how we can use it to create and manipulate tables in a database.


Additionally we've explored some basic syntax of the language too.

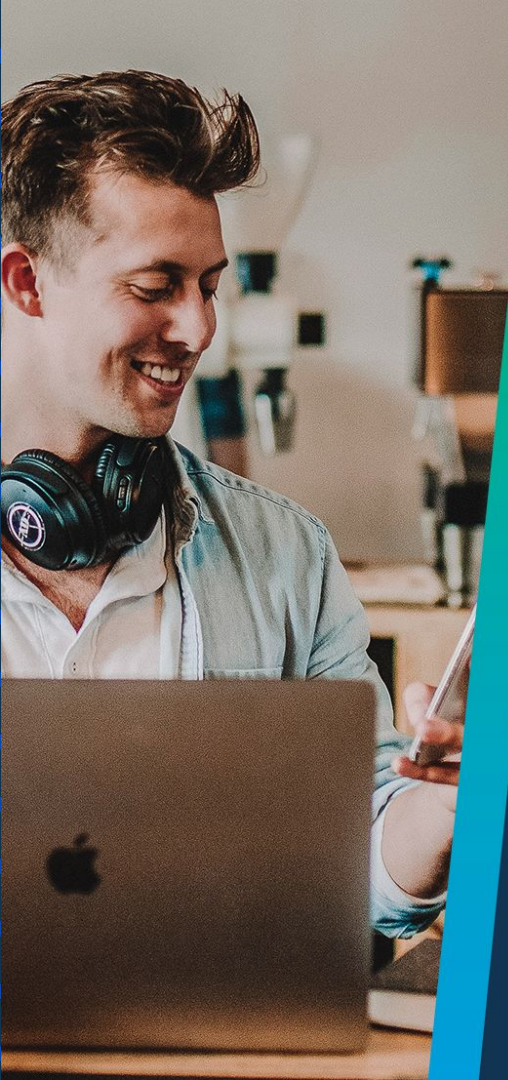
Next up

SQL Injections



Poll for the day:
Do you know how to
create/manipulate a table in SQL?

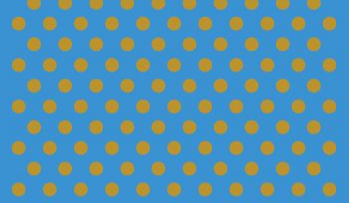




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Thank you for joining us

1. Take regular breaks
2. Stay hydrated
3. Avoid prolonged screen time
4. Practice good posture
5. Get regular exercise



Questions and Answers

