The Sandbox

Week 3: Excel

Joaquin Villar

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BEFORE WE START...

Consent

Accessibility

SOCIAL ALERT! 😀👀

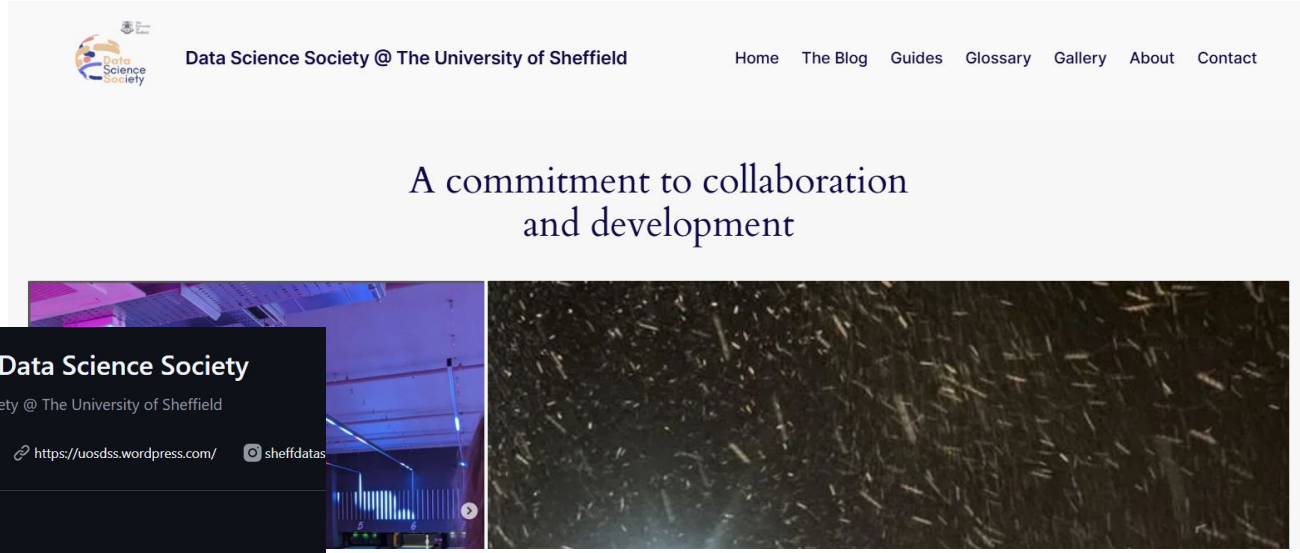
BOWLING NIGHT

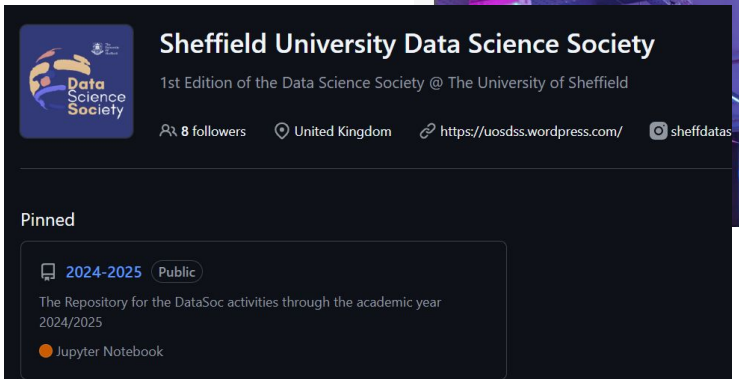
THURSDAY, FEBRUARY 27th

GET TICKETS NOW!!!

THE SETUP

Website / Github





Challenge No. 1

Basic Functions

- How many orders were paid using "Credit Card"?
- How many orders are for the book "The Hitchhiker's Guide to the Galaxy"?
- What is the total revenue from "Science Fiction" books?
- What is the total quantity of books ordered by "Alice Smith"?

Hint: Use COUNTIF / SUMIF

Challenge No. 2

Formatting

- Highlight all orders with a quantity greater than 2 in a specific color.
- Use data bars to visualize the "Price" of each book.
- Highlight the "Genre" column with different colors for each unique genre.

Challenge No. 3

Filtering

- Convert the data into an Excel Table.
- Filter the table to show only orders from "PayPal" payment method.
- Sort the table by "Order Date" in ascending order.
- Filter the table to show only orders for "The Lord of the Rings".

Challenge No. 4

Advanced Functions

- Create a separate table with "Book Title" and "Price". Use VLOOKUP to retrieve the price of a book based on its title from the main table.

- Create a separate table with "Customer Name" and "Order ID". Use VLOOKUP to retrieve the Order ID based on the Customer Name.

Challenge No. 5

Charts

- Create a bar chart showing the total quantity of each book sold.
- Create a pie chart showing the distribution of payment methods.
- Create a line chart showing the trend of sales over time (using the "Order Date").

Challenge No. 6

Pivot Tables

- Create a pivot table showing the total revenue by "Genre".
- Create a pivot table showing the total quantity of books sold by "Payment Method" and "Genre".
- Create a pivot table showing the average price of books by "Genre".

Any Questions?

See you all next week!