



Recursos compartidos en clase

- <https://db.cs.cmu.edu/papers/2024/whatgoesaround-sigmodrec2024.pdf>
- <https://www.cs.cmu.edu/~pavlo/>
- https://drive.google.com/file/d/1tpHDAzSkwrUNw694LQGVIFR_pMuHyp7y/view?usp=drive_link
- <https://shell.duckdb.org/>
- <https://dbdiagram.io/home>
- <https://dbml.dbdiagram.io/docs>
- <https://shell.duckdb.org/>
- https://drive.google.com/file/d/1tpHDAzSkwrUNw694LQGVIFR_pMuHyp7y/view?usp=sharing
- <https://link.excalidraw.com/l/8LxISq0FQJu/1dRy5JT02ph>





Recursos compartidos en clase

```
-- Find borrowers who borrowed every book in BookBorrowers
SELECT DISTINCT outer_borrowers.BorrowerID
FROM BookBorrowers outer_borrowers
WHERE NOT EXISTS (
    -- List all unique BookIDs (our "complete set")
    SELECT BookID
    FROM (SELECT DISTINCT BookID FROM BookBorrowers) all_books
    WHERE NOT EXISTS (
        -- Check if this borrower has a record for each book
        SELECT *
        FROM BookBorrowers borrower_records
        WHERE borrower_records.BookID = all_books.BookID
        AND borrower_records.BorrowerID = outer_borrowers.BorrowerID
    )
);
```

