Logic Puzzles Challenge

#5

The Classroom Puzzle

Puzzle: Four students (Ivy, Jack, Kelly, and Leo) each sit in one of four seats (1, 2, 3, and 4). Use the clues to figure out where each student sits.

1. **Ivy does not sit in seat 1 or 2.**

2. **Jack sits in seat 3.**

3. **Kelly sits next to Jack.**

4. **Leo does not sit next to Ivy.**

The Classroom Puzzle

Solution:
- **Clues Breakdown:**
  a. **Ivy ≠ 1, Ivy ≠ 2**
  b. **Jack = 3**
  c. **Kelly = next to Jack**
  d. **Leo ≠ next to Ivy**

- **Deductions:**
- **Ivy can only sit in seat 4.**
- **Jack sits in seat 3.**
- **Kelly sits next to Jack, so Kelly must sit in seat 2.**
- **Leo cannot sit next to Ivy, so Leo must sit in seat 1.**

Final Placement:
- **Ivy: Seat 4**
- **Jack: Seat 3**
- **Kelly: Seat 2**
- **Leo: Seat 1**