

What do data scientists do?

- Look for patterns
- Compare groups
- Use graphs to spot trends
- Ask questions like “Why is this happening?”
- Help people make better decisions using evidence

Data scientists look for stories in data.

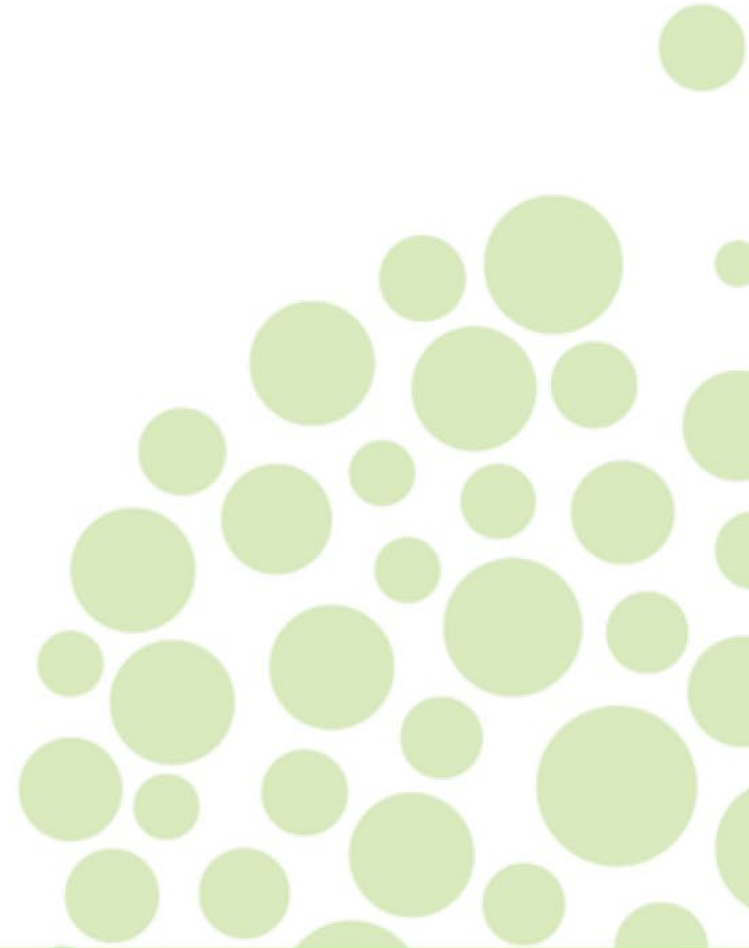


Warm-up

Your screen-time guess...

How many hours do you think young people across Wales spend on screens at night?

This includes phones, gaming, streaming, socials
- your best guess!



What SHRN data tells us

In Wales in **2023**, **37.7% of 11–16 year-olds** said they look at a screen at **11:30pm or later** on a school night.

This is higher than in **2017 (30.4%)** and **2019 (31.7%)**.

For **boys**, the percentage in **2023** was **36.1%**.
For **girls**, the percentage in **2023** was **38.4%**.

Source: SHRN dashboard data table for Wales 2017–2023.

Spot the screen-time surprises

Choose one pattern or difference you can see in the data.

Ask yourself: 'Why might this be happening?'

Suggest one reason for the pattern.

Share your idea with a partner for 30 seconds.

Remember: These are exactly the kinds of questions data scientists ask when they try to find the story in the data.