

Statistics

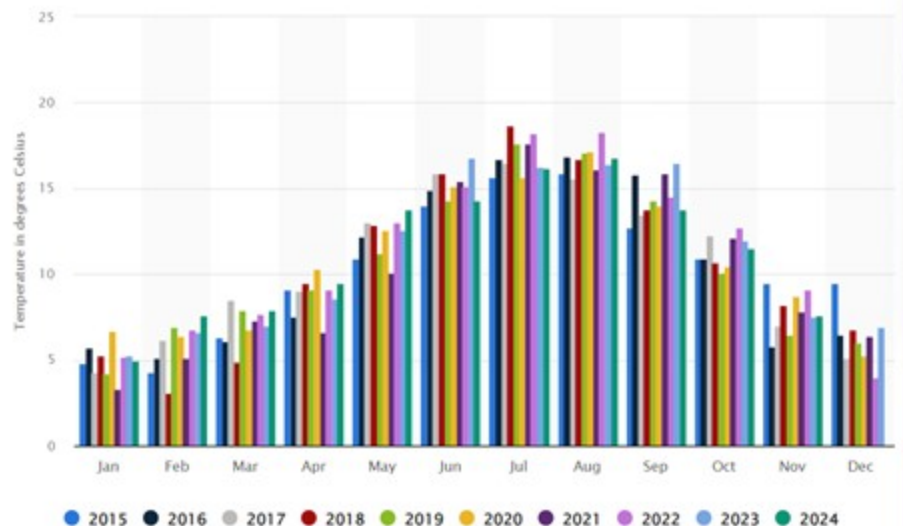
How understanding data can unlock awesome jobs.



What is statistics anyway?

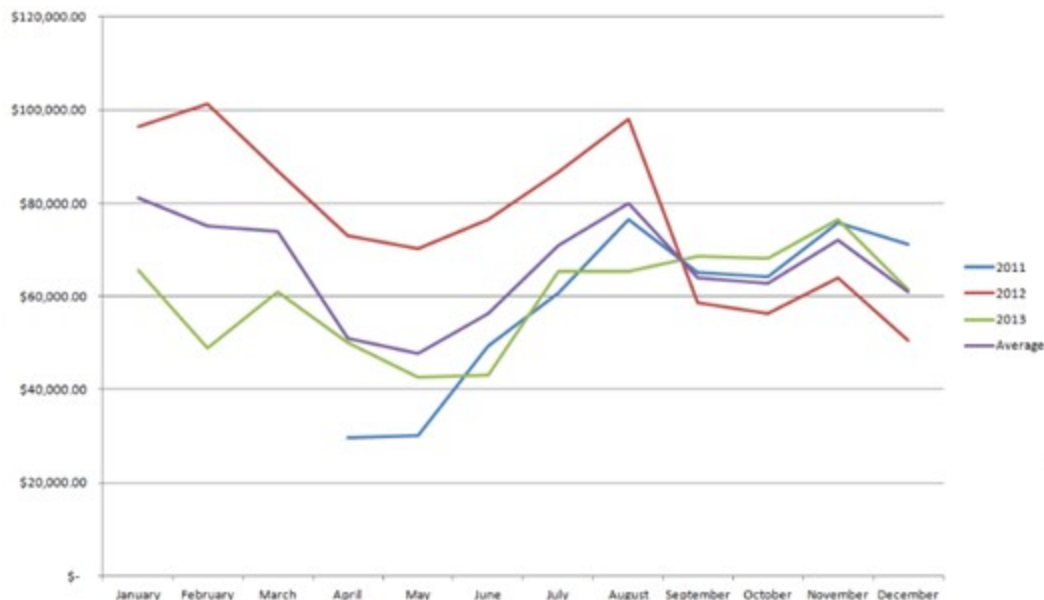
- It's not just boring charts and graphs!
- Statistics is about finding patterns and telling stories using data (numbers).
- It helps us make *smarter predictions* about what might happen next.

YEAR	AVERAGE SALARY	FOOTBALLER SALARY	DIFFERENCE
1970	£21	£70	237%
1980	£87	£550	529%
1990	£204	£1500	635%
2000	£318	£11,184	3,415%
2010	£500	£33,868	6,673%
2019	£550	£58,000	10,445%



Why should I care now?

- **The Future is Data:** Two-thirds of future jobs haven't even been identified yet, but almost all will use data.
- **Informed Choices:** Understanding stats helps you make informed decisions about your future education and career path.
- **Problem Solvers Wanted:** Employers highly value people who can solve problems and use numbers.



Example Career: Gaming

Job: Video Game Designer / Data Analyst.

How stats are used:

- Which levels are too hard?
- Which new feature will make players stay longer?
- Pricing in-game items (like V-Bucks or skins).



Career Example: Sports

Job: Sports Analyst / Performance Coach.

How stats are used:

- Deciding who to draft onto a team (like in the movie *Moneyball*).
- Working out the best strategy for a big game.
- Tracking player fitness and injury risk.



Career Example: Social Media

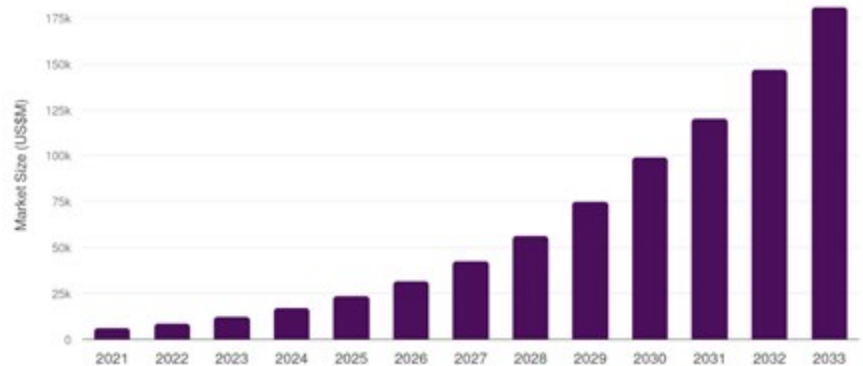
Job: Marketing Manager / Trend Forecaster / AI Specialist.

How stats are used:

- Figuring out which TikTok filter will go viral next.
- Understanding *you* to recommend which movies or music you'll like (Netflix, Spotify).
- Creating awesome AI tools!



UK artificial intelligence market, 2021-2033



Your Next Move

- Statistics isn't just a school subject; it's a toolbox for modern careers.
- It gives you the power to ask questions, find answers, and make a real impact.
- If you enjoy using numbers to solve problems, a data-driven career might be for you!

