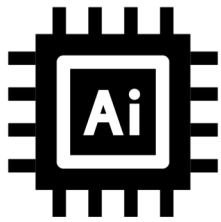


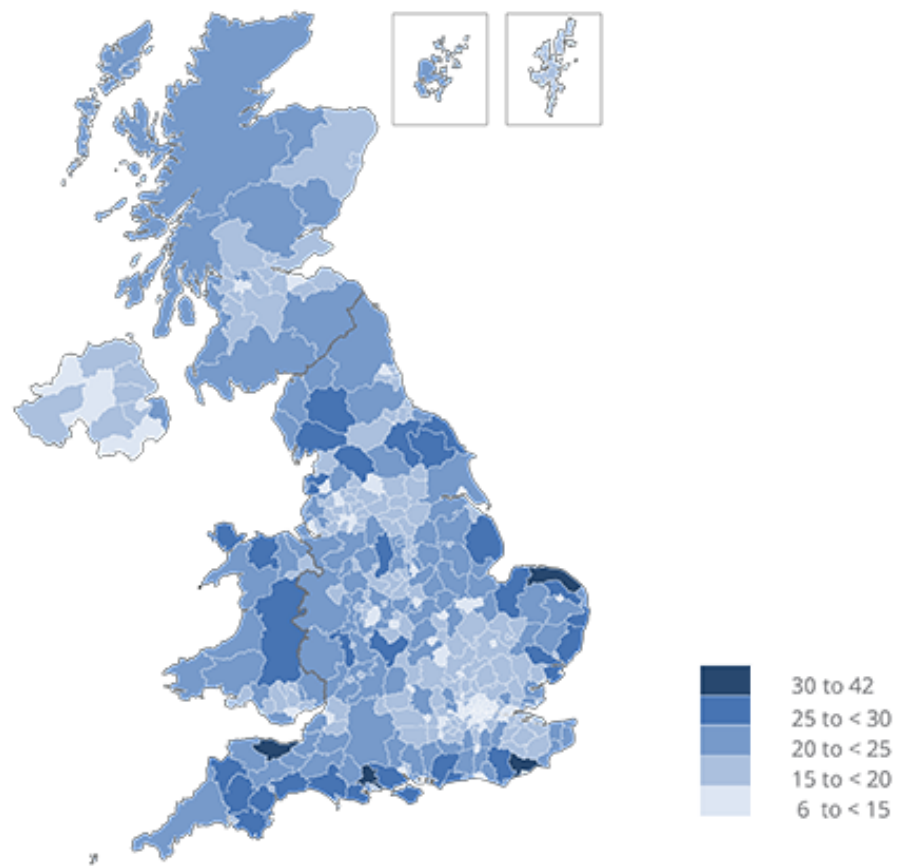
# AI IN HEALTHCARE

*Who should be held legally accountable in event of an error or accident?*



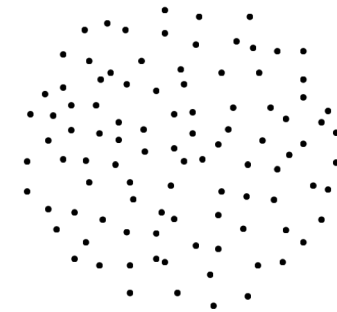
*“An artificially intelligent program can now diagnose skin cancer more accurately than a board-certified dermatologist”*

## PARTS OF UK WITH RESIDENTS AGED 65 AND OVER\*

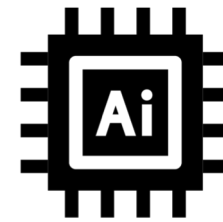


2016

# CLINICAL EXAMPLE



Images of Skin  
Lesions

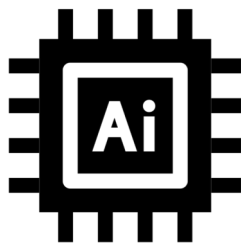


**95%**  
accurate



**86%**  
accurate

*Who should be held legally accountable in event of an error or accident?*



**IF HOSPITAL USES SOLELY AI**



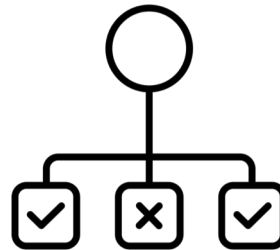
**COMBINATION OF AI AND HUMAN DECISION**



**ALGORITHMS NOT CLASSIFIED BY THE FDA**



# ALGORITHM AUDITS



# HUMAN INVOLVEMENT AT KEY DECISION



# REQUIRE PROFESSIONAL BODY

# AI IN UK HEALTHCARE

**Microsoft's InnerEye system** to automatically process scans for patients with prostate cancer.

**HeartFlow's AI technology** creates a 3D model of the heart spot blockages.

**HeartFlow's** cuts costs by a quarter than an angiogram

**Google's DeepMind** can to identify eye conditions *within seconds*, and rank patients in order of urgency for treatment.

Matched the accuracy of eye doctors with *20 years'* experience.



# REFERENCES

<https://www.sciencedaily.com/releases/2018/05/180528190839.htm#:~:text=Researchers%20have%20shown%20for%20the,dermatologists%20at%20detecting%20skin%20cancer.>

<https://www.futureofworknews.com/topics/futureofwork/articles/444789-ai-healthcare-whos-blame-when-things-go-wrong.htm>

**All Graphics and Icons from the Noun Project**