

Litteraturlista

Kurskod: PH26G1
Kursnamn: Folkhälsa, artificiell intelligens och big data: Utmaningar och möjligheter
Fastställd av: Styrelsen för Institutionen för folkhälsovetenskap
2021-02-23
Giltig fr.o.m. Sommarterminen 2021

Obligatorisk litteratur

Blasimme, A., & Vayena, E. (2020). The ethics of AI in biomedical research, patient care and public health. I M. D. Dubber, F. Pasquale & S. Das (Red.), *Oxford Handbook of Ethics of Artificial Intelligence* (s.703-718). Oxford University Press.

KAPITEL I E-BOK | ENGELSKA | 16 SIDOR

Chiolero, A., & Buckeridge, D. (2020). Glossary for public health surveillance in the age of data science. *Journal of Epidemiology & Community Health*, 74:612-616.

ARTIKEL | ENGELSKA | 5 SIDOR

Dolley, S. (2018). Big data's role in precision public health. *Frontiers in Public Health*, 6:68.

ARTIKEL | ENGELSKA | 12 SIDOR

Gandomi, A., & Haider, M. (2015). Beyond the hype: Big data concept, methods, and analytics. *International Journal of Information Management*, 35(2):137-144.

ARTIKEL | ENGELSKA | 8 SIDOR

Hulsen, T., Jamuar, S. S., Moody, A. R., ... McKinney, E. F. (2019). From big data to precision medicine. *Frontiers in Medicine*, 6(34):1-14.

ARTIKEL | ENGELSKA | 14 SIDOR

Khoury, M. J., & Galea, S. (2016) Will precision medicine improve population health? *JAMA*, 316(13): 1357-1358.

ARTIKEL | ENGELSKA | 4 SIDOR

Lovejoy, C. (2019) Technology and mental health: The role of artificial intelligence. *European Psychiatry*, 55:1-3.

ARTIKEL | ENGELSKA | 3 SIDOR

Miller, D. D., & Brown, E. W. (2020). Artificial intelligence in medical practice: The question to the answer? *The American Journal of Medicine*, 131(2):129-133.

ARTIKEL | ENGELSKA | 5 SIDOR

Mooney, S. J., & Pejaver, V. (2018). Big data in public health: Terminology, machine learning, and privacy. *Annual Review of Public Health*, 39:95-112.

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Panch, T., Pearson-Stuttard, J., Greaves, F., & Atun, R. (2019). Artificial intelligence: Opportunities and risks for public health. *The Lancet Digital Health*, e13-e14.

ARTIKEL | ENGELSKA | 2 SIDOR

Panch, T., Szolovits, P., & Atun, R. (2018). Artificial intelligence, machine learning and health systems. *Journal of Global Health*, 8(2): 020303.

ARTIKEL | ENGELSKA | 8 SIDOR

Polson, N. & Scott, J. (2018). *AIQ: Hur artificiell intelligens fungerar*. Daidalos.

BOK | SVENSKA | 333 SIDOR

Prosperi, M., Min, J. S., Bian, J., & Modave, F. (2018). Big data hurdles in precision medicine and precision public health. *BMC Medical Informatics and Decision Making*, 18:139.

ARTIKEL | ENGELSKA | 15 SIDOR

Russell, S., & Norvig, S. (2016). *Artificial intelligence: A modern approach*. (3 ed.) New Jersey: Pearson Education Inc. [Kapitel 1-2]

BOK | ENGELSKA | 63 SIDOR

Sarangi, S., & Sharma, P. (2019). *Big data. A beginner's introduction*. London: Routledge.

E-BOK | ENGELSKA | 141 SIDOR

Taylor-Robinson, D., & Kee, F. (2019). Precision public health – the Emperor's new clothes. *International Journal of Epidemiology*, 48(1):1-6.

ARTIKEL | ENGELSKA | 6 SIDOR