Ethics and Ownership

A-Level Computer Science · Vocabulary in context

Word	Example
ethics /ˈeθɪks/	**Ethics** is about what is right and wrong.
privacy /ˈprɪvəsi/	**Privacy** means people control who sees their information.
confidentiality /ˌkɒnfɪˌdenʃiˈæləti/	Doctors keep patients' information private; this is called **confidentiality**.
conflicts of interest /ˈkɒnflɪkts ɒv ˈɪntrest/	A teacher marking their own child's exam is one of many **conflicts of interest**.
intellectual property /ˌɪntəˈlektʃuːəl ˈprɒpəti/	A song you write is your **intellectual property**.
code of conduct /kəʊd ɒv ˈkɒndʌkt/	The club's **code of conduct** lists the rules for members.
bias /ˈbaɪəs/	A program trained on unfair data can show **bias**.
copyright /ˈkɒpɪraɪt/	**Copyright** stops others copying your work.
patent /ˈpeɪtənt/	A **patent** protects a new invention.
software licence /ˈsɒftweə ˈlaɪsəns/	The **software licence** says how you may use the program.
proprietary /prəˈpraɪətəri/	**Proprietary** software does not share its code.
open-source /ˈəʊpən sɔːs/	**Open-source** software lets anyone read its code.
copyleft /ˈkɒpɪleft/	**Copyleft** says changed versions must stay free too.

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freeware /ˈfriːweə/	**Freeware** costs nothing to use.
shareware /ˈʃeəweə/	**Shareware** is free to try for a short time.
artificial intelligence /ˌɑːtɪˈfɪʃl ɪnˈtelɪdʒəns/	**Artificial intelligence** lets computers do tasks that need thinking.
machine learning /məˈʃiːn ˈlɜːnɪŋ/	**Machine learning** lets a computer learn from examples.
Deep learning /diːp ˈlɜːnɪŋ/	**Deep learning** uses networks with many layers.
neural networks /ˈnjuːrəl ˈnetwɜːks/	**Neural networks** are made of many connected units.
speech recognition /spiːtʃ ˌrekəgˈnɪʃn/	**Speech recognition** turns your voice into text.
image recognition /ˈɪmɪdʒ ˌrekəgˈnɪʃn/	**Image recognition** finds faces in photos.
machine translation /məˈʃiːn trænˈsleɪʃn/	**Machine translation** turns English into Chinese.
recommendation systems /ˌrekəmenˈdeɪʃn ˈsɪstəmz/	**Recommendation systems** suggest videos you might like.
autonomous vehicles /ɔːˈtɒnəməs ˈvɪəklz/	**Autonomous vehicles** drive without a driver.
optical character recognition /ˈɒptɪkl ˈkærɪktə ˌrekəgˈnɪʃn/	**Optical character recognition** reads text from a photo.

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Word	Example
text-to-speech /tekst tə spi:tʃ/	**Text-to-speech** reads the words aloud.

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