

## 7 Ethics and Ownership – Part 1 — Answers

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### Answers

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**7.1** A creation of someone’s mind — such as a program, design or piece of writing — that belongs to its creator.

**7.2** When an AI gives unfair results for some groups because the data it learned from was unbalanced or unfair.

**7.3** Copyright protects a created work (text, music, code); a patent protects a new invention or process.

**7.4** Open-source shares the source code so anyone may read and change it; freeware is free to use but its source code is kept private. (Any clear difference.)

**7.5** Any reasonable point: the data could be used without consent; it could be sold on; it could leak in a breach; it could be used to track or profile people unfairly.

**7.6** Open-source code is still owned by its author and comes with a licence that usually requires keeping the author’s name and licence terms. Removing them breaks the licence (and the author’s copyright) — “free to use” does not mean “free to claim as your own”.

**7.7** Benefit: faster and more consistent decisions than overworked staff. Risk: the AI may be biased against some groups, or no human is clearly accountable for a wrong decision. (Any sensible one of each.)