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| 1a | Advantages   * Machines won’t get tired. * Fewer mistakes * No risk of drunk driving. * Law abiding/follow traffic rules. * Potential lower insurance costs * Saving on fuel * Any other reasonable example   Disadvantages:   * Higher unemployment rate. * Higher congestion levels * High research and development costs * Privacy concerns * Technical errors * Any other reasonable example. |
| 1b | Advantages   * Can operate 24 hours a day without taking a break. * Can be used in dangerous or awkward environments * Will work without any wages. * Will accurately repeat actions over and over again * Can take account of hundreds of inputs at the same time * Can make reliable and accurate decisions * Can work without holidays or sick days * Can process data from sensors very quickly * Any other reasonable example   Disadvantages   * People sometimes want to know that an expert is in control even if a computer could do it as well. e.g. a pilotless commercial aircraft is not likely to be popular although in theory it is possible. Or a robotic surgical procedure. * The computer cannot react to unexpected events as perhaps a person could. It can only respond in the way it has been programmed. * If there is a power cut the system will not work * If the computer malfunctions the system will not work * Any other reasonable example |