

# 10 things to bear in mind with Artificial Intelligence

Artificial Intelligence (AI) is when computers are designed to think, learn and make decisions- a little bit like people do.

Imagine teaching a robot to recognise your voice, play a game or guess your mood. The more practice it got, the better it would get. AI learns from experience, just like you do at school. AI is already used in lots of things you might use or experience every single day.

Here are 10 things to bear in mind when it comes to AI.



## 1-It can complete mundane tasks and not get bored

AI can do the tasks we find a little (or really) boring, like spell-checking or organising a calendar. It can answer boring questions for business owners like “what time does your shop open?” so they can be a computer receptionist to answer commonly asked questions. AI can take care of photo sorting, filing documents in the right folders and sorting emails in an inbox. It will do the admin bits we don’t really want to do without complaining.

It can even take the mundane task of having to decide what to have for tea and suggest what you should have if you give a list of ingredients in your cupboard. If you’re anything like me this will be incredibly useful. Not only does it make the decision for you (what to eat is always the hardest decision of my day) but you even learn new recipes... if only it could improve my cooking ability...

## •TASKS•

## 2- It can plan your holiday and day trips

Want to seem extremely organised for a day trip or holiday? If you answered yes, then AI can help you.

Give AI your destination, timescale, number of group members with their ages (never give AI family or friends names!) and ask it to create a simple inventory for your trip with times and prices included. For some fun you can ask for hidden gems and places to eat as well. You never know what you might discover.

Some advice from personal experience. Double, triple and quadruple check that the opening times to suggested places to visit are correct and that the places still exist!

With the help of AI, you'll be the most organised leader of any trip.



### 3- Medical Modelling

Because AI mostly works on spotting patterns it can be used in the medical field. It is able to spot patterns in patients who might get a serious illness- often before we humans spot it. It does this by spotting patterns in patients who have been sick before in those who aren't yet diagnosed. This earlier diagnosis means patients can be treated sooner, giving them a better chance of getting completely better.

It can even design treatment plans to help people get better.



### 4- Calculations

When it comes to simple calculations, like working out how much money is left in your budget. AI can do huge sums incredibly quickly. Whilst it can't do complex equations that are written on outlandish maths tests with the most accuracy just yet, it can certainly be used to help with your budget planning.



### 5- Recommendations

If you have a YouTube, Netflix or streaming service account you will be familiar with the "recommended for you" feature. This is all operated by AI! It looks at what you've been watching then finds similar things to recommend for you.

The same happens when you are online shopping.

That's why when you look at one picture of some new shoes, those shoes start to appear everywhere.

# MUST TRY

## 6- It can make mistakes and be biased

AI doesn't understand things like humans do- it just follows patterns. As an example, AI may think someone is sad because they are quiet, even if they're quiet because they are thinking. As a human we would recognise that the person was quiet because they were thinking rather than sad- AI wouldn't.

Because AI picks up and learns from all information it can sometimes pick up on incorrect information that can be bias towards certain organisations or people. Just like anything it's important to double check any information- particularly information received from AI.



## 7- It doesn't have feelings

AI can certainly pretend to care, but it doesn't actually feel anything. This means it can't understand human emotions or be a real friend. This also comes with side effects, with diagnosing illness you would still want a human to explain it to patients as we humans have empathy, where AI doesn't.



## 8- It can be misused

Like everything, AI can be misused by people seeking to do harm or no good. Those wanting to spread false information can write false articles on their own websites which will be included in AI searches when asked for information. This will lead to people being misled and misinformed. They could be tricked into thinking something is true when it isn't.

## 9- A risk to privacy

A simple sentence. Never ever share personal details of yourself, your friends, teachers or your family with AI. You wouldn't share them with a stranger and you would be a silly billy to share them with AI. People can find what you've shared with AI and you will put yourself and the people you know into danger.

To learn, AI uses huge amounts of information and if you share personal details with AI, that information will be sucked up by AI to learn from, making it accessible to everyone. You could

accidentally get your parents bank account hacked and all their money stolen.

AI cannot keep a secret!

shhh...

### **10- Question everything!**

This may feel like a really obvious one, but it's so important to remember that any information AI gives you, you must double check with another source - either in a book or online in a separate search. This is just good practice for all research you're doing.

Just because AI says it, doesn't mean it's true!

