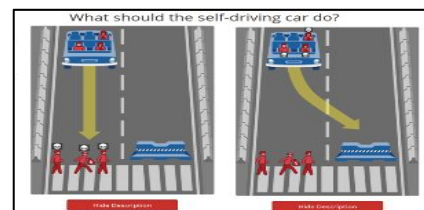
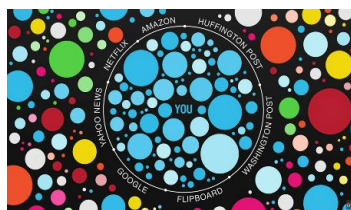
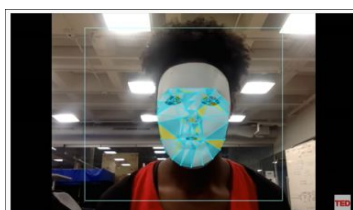
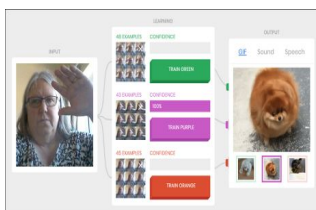




Welcome to this Spotlight article on the Business Faculty where our vision is “Preparing students for the modern world today, tomorrow and beyond”. Within our Faculty we offer a wide range of courses and qualifications covering our subject offer in Business, Economics, Enterprise, Financial Studies, Law and Computer Science. I would like to give a special mention to all Y11 and Y13 students who study for a qualification within our faculty and wish them the best of luck in the final stages of their courses as they start the run in to the summer examinations and completion of any coursework. In this article we have chosen to show case work that Year 9 Computer Science students have been completing on Machine Learning and AI. I hope you enjoy the read.

Mr Engel – Director of Faculty



ChatGPT is now able to produce reliable and free content and has really taken off. All the major tech players like Microsoft and Google have been spending large amounts of money on AI technology. Year 9 has been provided with an excellent opportunity to delve into how some of this technology works:-

What actually is machine learning? We learn that a lot of systems are fed hundreds of images, and use them to start making predictions. Students had a go at the very simple and popular Doodle game that uses machine learning to identify what you are drawing.

How does facial recognition work? We get out our cameras and created our own facial recognition program. We also looked at how current facial recognition is not perfect; If you have darker coloured skin, or are a female - facial recognition technology struggles to read these types of faces accurately. Pretty scary as this is the technology used by government departments like HM Passport services, the Metropolitan Police and companies like Uber.

Spotify, Netflix, YouTube and many other use AI to power their recommendation systems. How do they know what the best song, movie or news article for you is? We also learn about the dangers of this, something called a filter bubble.

AI and machine learning are now making decisions for us. How do they do that? Should they be doing that? Take a self-driving car heading towards a crossing; it can't stop, some children have run into the road, it could hit the children or it could swerve hitting a car with two other people inside - what decision should it make? Another question to think about; would you buy a self-driving car that prioritised the safety of others around you over the safety of yourself? Some big questions to discuss and debate for our Year 9s!

COMING UP SOON:

Date	Event	Time
Monday 4 th March	Year 12 Politics and Law Trip Year 13 Mocks	All day
Tuesday 5 th March	Year 13 Mocks	
Wednesday 6 th March	Curriculum Enrichment Day (CED) Year 13 Mocks U18 & U16 Rugby	All day
Thursday 7 th March	Bronze DoE Parents Evening Year 13 Mocks	7pm
Friday 8 th March	Gold Reward Trip Year 13 Mocks	All day
Monday 11 th March	Year 13 Mocks Year 10 Mocks LIBF Exam	
Tuesday 12 th March	Year 13 Mocks Year 10 Mocks	
Wednesday 13 th March	Year 13 Mocks Year 10 Mocks U18 Football - Home	
Thursday 14 th March	Year 13 Mocks Year 10 Mocks Paris Parent Information Evening	7pm
Friday 15 th March	Year 13 Mocks Year 10 Mocks	