e-Portfolio Activity: CNN Model Activity

Mark as done

Read the Wall (2019) article and record your thoughts on the ethical and social implications of this CNN technology.

Run this CNN model - ***Convolutional Neural Networks (CNN) - Object Recognition.ipynb*** - and review different sections of the algorithm. Change the input image for prediction by changing the value of this variable - *plt.imshow(x_test[16]* - from 16 to value of your choice (1-15) and see whether the model predicts correctly.

Be prepared to review your thoughts and findings during next week's seminar.

Learning Outcomes

- Articulate the legal, social, ethical and professional issues faced by machine learning professionals.
- Understand the applicability and challenges associated with different datasets for the use of machine learning algorithms.

Last modified: Monday, 10 March 2025, 3:20 PM