In this module, I saw how a pre-trained VGG16 deep learning model can be used for image classification. Although all the necessary code was provided, I was able to see how changing parameters of the input image could affect the model's performance which deepened my understanding of the importance of correctly preprocessing image data. Additionally, I learned about MXNet, a deep learning framework developed by The Apache Software Foundation from 2015 to 2023. MXNet was created to enable software developers, particularly those working with neural networks, to leverage the power of GPUs and cloud computing since their architecture offer advantages for deep learning computations. I learned that the framework offers a solution to the otherwise complex task of programming GPUs for computations by providing a user-friendly interface using high-level programming languages like Python.