Module 6: Portfolio Milestone

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Portfolio Milestone

While my project's main focus is on computer vision and deep learning for image classification, there are ways that I can add First-Order Logic into my program. After accurately identifying images, I could use FOL and rule-based reasoning for additional information.

For example, I could combine my current logic with semantic reasoning. This uses first-order logic to make better decisions. In addition to relying on computer vision, I could add more properties, such as texture and material, to aid with decision making and classification (Zhiting, H., et al. 2020, August 8).

References

Zhiting., H. et al. (2020, August 8) *Harnessing Deep Neural Networks with Logic Rules.* Cornell

University. https://arxiv.org/abs/1603.06318