**Deliverable/Expectation:**

**Documentation: A brief write-up about solution explaining assumption, approach, metrics, and other artifacts all are explained below.**

**Documentation about Model:**

* **Model name:**

Object detection using ImageAI

* **Links to dataset and framework:**

Dataset link:

https://evp-ml-data.s3.us-east-2.amazonaws.com/ml-interview/openimages-personcar/trainval.tar.gz

* **About the model:**

ImagAI is an open-source python library built to empower developers to build applications and systems with self-contained Deep Learning and Computer Vision capabilities using simple and few lines of code.

* **Primary Analysis:**

Training a model to detect two objects that is car and person in an image.

* **Assumptions:**

Each larger-scale model incorporates the previous smaller-scale model layers and weights in its architecture.

* **Inference:**

**ImageAI** is a python library built to empower developers, researcher’s and students to build applications and systems with self-contained Deep Learning and Computer Vision capabilities using simple and few lines of code.

* **Conclusion:**

Object detection / Image Processing is a much more effective application in computer vision tasks. This model will perform object detection in Python using the ImageAI library.

* **Recommendations:**