Capstone Project 2 - Detection of Iconic Watches

With the growing number of watch brands and models being released over time, it's hard for those new to the hobby of watch collecting to identify the most iconic watches out there. Just like someone who's into cars can tell you the difference between the differenct models of the same brand (even the model year) while those who just see it as a mode of transport can only identify the brand the vehicle belongs to.

With wristwatches however, it is hard for a person who is unaware of the model to identify the brand of the wristwatch on another person's arm. This project uses Deep Learning to train a model with images of iconic wristwatches and then makes it to predict over unseen images.

The models used in this analysis are:

- Cartier Tank
- Omega Speedmaster
- Rolex Day-Date
- Breitling Navitimer
- IWC Portugeiser
- Seiko SKX007

I chose these models as they are widely renown to anyone in the hobby. I chose a watch from a different manufacturer as I'm just starting out.

Future Scope(in increasing order of difficulty):

- Detection of different models of a watch company
- Detection on different reference numbers (numbers for a specific model year) for a line of watches
- Analysis and Detection of Fake Watches

Refer the Jupyter Notebook 'Data Collection.ipynb' for how I compiled the dataset, wrangled it and performed EDA.