PROPOSAL

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1   Car Park Recognition

In this project we propose to develop a model for identifying whether there is free space in the parking lot image, or whether the parking is full. The model would learn the pattern of full and free parking spaces in different conditions i.e. amount of cars, lighting etc.

This data-set contains $2.57GB$ of cars parking spaces images divided to 1067 images that contains free and available car parking and 2195 that contains full and unavailable parking lots. A future work idea is to build an application that connects to a street camera and notifies the driver if there is a parking space next to his house.

Images are classified as free or full:

Figure 1: Free

Figure 2: Full