Real Time Object Detection for Blind People Using Machine Learning

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Abstract: *There are number of blind people in the society, who are suffering while exercising the basic things of daily life and that could put lives at risk while travelling. There is a necessity these days to provide security and safety to blind people. There have been few devices designed so far to help the blind. Blindness or visual impairment is a condition that affects many people around the world. The usage of the blind navigation system is very less and is not efficient. The blind traveler is dependent on other guide like white cane, information given by the people, trained dogs etc. So, here we are proposing a self-assistance system for blind people, which will be able to convey the person about direction and type of obstacle across his path.*