actual IoT device type \ classified as	0	1	3	4	5	6	7	8	Unknown	Accuracy
0 - socket	1962	0	0	0	0	0	0	0	0	1
1 - TV	0	1962	0	0	0	0	0	0	0	1
3 - watch	0	0	1111	0	0	0	0	0	0	1
4 - smoke_detector 5 - motion_sensor	0	0	0	$\frac{104}{0}$	$0 \\ 1239$	0	0	0	0	1
6 - security_camera	0	0	0	0	0	1375	0	0	0	1
7 - refrigerator	0	0	0	0	0	0	1981	0	0	1
8 - thermostat	Ö	0	ő	0	Ő	ő	0	1981	ő	1
Unknown - baby_monitor	0	0	0	0	0	0	0	0	1981	1
actual IoT device type \ classified as	0	1	2	3	5	6	7	8	Unknown	Accuracy
0 - socket	1962	0	0	0	0	0	0	0	0	1
1 - TV	0	1962	0	0	0	0	0	0	0	1
2 - baby_monitor	0	0	1981	0	0	0	0	0	0	1
3 - watch	0	0	0	1111	$0 \\ 1239$	0	0	0	0	1
5 - motion_sensor 6 - security_camera	0	0	0	0	0	$0 \\ 1375$	0	0	0	1 1
7 - refrigerator	0	0	0	0	0	0	1981	0	0	1
8 - thermostat	0	0	0	0	0	0	0	1981	0	1
Unknown - smoke_detector	0	0	0	0	0	0	0	0	104	1
actual IoT device type \ classified as	1	2	3	4	5	6	7	8	Unknown	Accuracy
1 - TV	1954	0	0	0	0	0	0	0	8	0.99
2 - baby_monitor	0	1981	0	0	0	0	0	0	0	1
3 - watch	0	0	1109	0	0	0	0	0	2	0.99
4 - smoke_detector	0	0	0	104	0	0	0	0	0	1
5 - motion_sensor	0	0	0	0	1239	0	0	0	0	1
6 - security_camera 7 - refrigerator	0	0	0	0	0	$\frac{1375}{0}$	$0 \\ 1981$	0	0	1 1
8 - thermostat	0	0	0	0	0	0	0	1981	0	1
Unknown - socket	0	0	0	0	0	0	0	0	1962	1
actual IoT device type \ classified as	0	2	3	4	5	6	7	8	Unknown	Accuracy
0 - socket	1962	0	0	0	0	0	0	0	0	1
2 - baby_monitor	0	1981	0	0	0	0	0	0	0	1
3 - watch	0	0	1111	0	0	0	0	0	0	1
4 - smoke_detector	0	0	0	104	0	0	0	0	0	1
5 - motion_sensor	0	0	0	0	1239	0	0	0	0	1
6 - security_camera	0	0	0	0	0	1375	0	0	0	1
7 - refrigerator	0	0	0	0	0	0	1981 0	0	0	1 1
8 - thermostat Unknown - TV	0	0	304	0	0	0	1	1981 0	1657	0.84
actual IoT device type \ classified as	0	1	2	3	4	5	6	8	Unknown	Accuracy
0 - socket	1962	0	0	0	0	0	0	0	0	1
1 - TV	0	1954	0	0	0	0	0	0	8	0.99
2 - baby_monitor	0	0	1981	0	0	0	0	0	0	1
3 - watch	0	0	0	1111	0	0	0	0	0	1
4 - smoke_detector	0	0	0	0	104	0	0	0	0	1
5 - motion_sensor	0	0	0	0	0	1239	0	0	0	1
6 - security_camera	0	0	0	0	0	0	1375	0	0	1
8 - thermostat Unknown - refrigerator	0	$\frac{0}{22}$	0	0	0	0	0	1981 0	$0 \\ 1959$	$\frac{1}{0.99}$
actual IoT device type \ classified as	0	1	2	3	4	5	6	7	Unknown	Accuracy
0 - socket	1962	0	0	0	0	0	0	0	0	1
1 - TV	0	1962	0	0	0	0	0	0	0	1
2 - baby_monitor	0	0	1981	0	0	0	0	0	0	1
3 - watch	0	0	0	1107	0	Õ	0	0	4	0.99
4 - smoke_detector	0	0	0	0	104	0	0	0	0	1
5 - motion_sensor	0	0	0	0	0	1239	0	0	0	1
6 - security_camera	0	0	0	0	0	0	1375	0	0	1
7 - refrigerator	0	0	0	0	0	0	0	1981	0	1
Unknown - thermostat	0	0	0	0	0	0	0	0	1981	1
actual IoT device type \ classified as	1962	0		3	4	6	7	8	Unknown	Accuracy
0 - socket 1 - TV	1962	1907	0	0	0	0	0	0	0 55	$\frac{1}{0.97}$
2 - baby_monitor	0	0	1981	0	0	0	0	0	0	1
3 - watch	0	0	0	1064	0	0	0	0	47	0.95
4 - smoke_detector	Ö	Ö	ő	0	104	ő	ő	Ö	0	1
6 - security_camera	0	0	0	0	0	1375	0	0	0	1
7 - refrigerator	0	0	0	0	0	0	1954	0	27	0.99
8 - thermostat	0	0	0	0	0	0	0	1981	0	1
		0	0	0	0	0	0	0	1239	1
Unknown - motion_sensor	0						H-			
Unknown - motion_sensor actual IoT device type \ classified as	0	1	2	3	4	5	7	8	Unknown	Accuracy
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket	0 1962	1 0	2	3	4 0	5 0	0	0	0	1
$\begin{tabular}{ll} Unknown - motion_sensor \\ actual IoT device type \ classified as \\ 0 - socket \\ 1 - TV \end{tabular}$	0 1962 0	1 0 1937	0 0	3 0 0	4 0 0	5 0 0	0	0	0 25	1 0.99
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor	0 1962	1 0 1937 0	0 0 1981	3 0 0 0	4 0 0 0	5 0	0	0 0 0	$0 \\ 25 \\ 0$	1 0.99 1
$\begin{tabular}{ll} Unknown - motion_sensor \\ actual IoT device type \ classified as \\ 0 - socket \\ 1 - TV \end{tabular}$	0 1962 0 0	1 0 1937	0 0	3 0 0	4 0 0	5 0 0 0	0 0 0	0	0 25	1 0.99
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch	0 1962 0 0 0	1 0 1937 0 0	0 0 1981 0	3 0 0 0 1097	4 0 0 0 0	5 0 0 0 0	0 0 0 0	0 0 0 0	0 25 0 14	1 0.99 1 0.99
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator	0 1962 0 0 0 0 0	1 0 1937 0 0 0 0	0 0 1981 0 0 0	3 0 0 0 1097 0	4 0 0 0 0 104 0	5 0 0 0 0 0 1239 0	0 0 0 0	0 0 0 0 0 0	0 25 0 14 0 0 2	1 0.99 1 0.99 1 1 0.99
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat	0 1962 0 0 0 0 0 0	1 0 1937 0 0 0 0 0	2 0 0 1981 0 0 0 0	3 0 0 0 1097 0 0 0	4 0 0 0 0 104 0 0	5 0 0 0 0 0 0 1239 0	0 0 0 0 0 0 0 1979 0	0 0 0 0 0 0 0 0 1981	0 25 0 14 0 0 2	1 0.99 1 0.99 1 1 0.99
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera	0 1962 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0	2 0 0 1981 0 0 0 0	3 0 0 0 1097 0 0 0 0	4 0 0 0 0 104 0 0 0	5 0 0 0 0 0 1239 0 0 77	0 0 0 0 0 0 0 1979 0	0 0 0 0 0 0 0 0 0 1981	0 25 0 14 0 0 2 0 1298	1 0.99 1 0.99 1 1 0.99 1 0.94
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera actual IoT device type \ classified as	0 1962 0 0 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0 0	2 0 0 1981 0 0 0 0 0 0	3 0 0 0 1097 0 0 0 0 0 4	4 0 0 0 0 104 0 0 0 0 5	5 0 0 0 0 0 1239 0 0 77	0 0 0 0 0 0 0 1979 0 0	0 0 0 0 0 0 0 0 0 1981 0	0 25 0 14 0 0 2 0 1298 Unknown	1 0.99 1 0.99 1 1 0.99 1 0.94 Accuracy
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera actual IoT device type \ classified as 0 - socket	0 1962 0 0 0 0 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0 0 0	2 0 0 1981 0 0 0 0 0 0 0 2	3 0 0 0 1097 0 0 0 0 0 4	4 0 0 0 0 104 0 0 0 0 5	5 0 0 0 0 0 1239 0 0 77 6	0 0 0 0 0 0 0 1979 0 0	0 0 0 0 0 0 0 0 1981 0 8	0 25 0 14 0 0 2 0 1298 Unknown	1 0.99 1 0.99 1 1 0.99 1 0.94 Accuracy
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera actual IoT device type \ classified as 0 - socket 1 - TV	0 1962 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0 0 0 1	2 0 0 1981 0 0 0 0 0 0 0 2	3 0 0 0 1097 0 0 0 0 0 4	4 0 0 0 0 104 0 0 0 0 5	5 0 0 0 0 0 1239 0 0 77 6	0 0 0 0 0 0 0 1979 0 0 7	0 0 0 0 0 0 0 0 1981 0 8	0 25 0 14 0 0 2 0 1298 Unknown 0 73	1 0.99 1 0.99 1 1 0.99 1 0.94 Accuracy 1 0.96
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor	0 1962 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0 0 0 0 1 0 0	2 0 0 1981 0 0 0 0 0 0 0 0 0 0 0 0	3 0 0 0 1097 0 0 0 0 0 4	4 0 0 0 0 104 0 0 0 0 0 0	5 0 0 0 0 0 1239 0 77 6 0 0	0 0 0 0 0 0 1979 0 0 7	0 0 0 0 0 0 0 0 1981 0 8	0 25 0 14 0 0 2 0 1298 Unknown 0 73 0	1 0.99 1 0.99 1 1 0.99 1 0.94 Accuracy 1 0.96
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 4 - smoke_detector	0 1962 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0 0 0 1 1889 0	2 0 0 1981 0 0 0 0 0 0 0 0 0 0 0	3 0 0 0 1097 0 0 0 0 0 4 0 0	4 0 0 0 0 104 0 0 0 0 0 0 0	5 0 0 0 0 1239 0 0 77 6 0 0	0 0 0 0 0 0 1979 0 0 7	0 0 0 0 0 0 0 1981 0 8	0 25 0 14 0 0 2 0 1298 Unknown 0 73 0	1 0.99 1 0.99 1 1 0.99 1 0.94 Accuracy 1 0.96 1
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 4 - smoke_detector 5 - motion_sensor	0 1962 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0 0 0 0 1 0 0 1 889 0 0	2 0 0 1981 0 0 0 0 0 0 2 0 0 1981 0 0 0 0 0 0	3 0 0 0 1097 0 0 0 0 0 4 0 0 0	4 0 0 0 0 104 0 0 0 0 0 0 0 0 0 107 107 107 107 107 1	5 0 0 0 0 1239 0 0 77 6 0 0	0 0 0 0 0 0 1979 0 0 7 0 0	0 0 0 0 0 0 0 1981 0 8 0 0	0 25 0 14 0 0 2 0 1298 Unknown 0 73 0 0 66	1 0.99 1 0.99 1 1 0.99 1 0.94 Accuracy 1 0.96 1 1 0.95
Unknown - motion_sensor actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 3 - watch 4 - smoke_detector 5 - motion_sensor 7 - refrigerator 8 - thermostat Unknown - security_camera actual IoT device type \ classified as 0 - socket 1 - TV 2 - baby_monitor 4 - smoke_detector	0 1962 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1937 0 0 0 0 0 0 0 0 1 1889 0	2 0 0 1981 0 0 0 0 0 0 0 0 0 0 0	3 0 0 0 1097 0 0 0 0 0 4 0 0	4 0 0 0 0 104 0 0 0 0 0 0 0	5 0 0 0 0 1239 0 0 77 6 0 0	0 0 0 0 0 0 1979 0 0 7	0 0 0 0 0 0 0 1981 0 8	0 25 0 14 0 0 2 0 1298 Unknown 0 73 0	1 0.99 1 0.99 1 1 0.99 1 0.94 Accuracy 1 0.96 1