Internal Robots & You

GB Sample: 13th - 14th August 2018

2041 Adults

	Total	Gender		Age				
		Male	**Female**	**18-24**	**25-34**	**35-44**	**45-54**	**55+**
Unweighted base	2041	935	1106	178	301	352	367	843
Base	2041	991	1050	229	309	356	349	798
Which of these applies to you?								
Working full time (30 or more hours per week)	42%	51%	34%	35%	61%	66%	60%	19%
Working part time (8-29 hours a week)	13%	8%	17%	13%	14%	15%	12%	12%
Working part time (Less than 8 hours a week)	2%	1%	3%	0%	3%	2%	3%	2%
Full time student	6%	7%	5%	41%	7%	1%	0%	-
Retired	24%	22%	27%	1%	0%	1%	2%	61%
Unemployed	4%	4%	3%	4%	6%	4%	6%	2%
Not working	7%	5%	8%	4%	7%	10%	12%	4%
Other	2%	2%	2%	3%	2%	2%	4%	1%
We'd now like to ask you some fun questions about robots. Which, if any, of the following would you classify as being a robot? (Please select all that apply)								
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
Machine assisted technology (e.g. self-checkout machine, ATMs, etc.)	22%	23%	21%	18%	23%	25%	22%	20%
Machine automation (e.g. Driverless cars, automatic vacuum cleaner, etc.)	61%	63%	60%	67%	60%	59%	58%	63%
Machines capable of taking non-verbal commands (e.g. GPS)	23%	22%	24%	18%	27%	20%	23%	24%
Machines capable of providing companionship/ verbal response (e.g. digital assistants like Amazon Alexa, iPhone Siri, etc.)	49%	44%	54%	61%	50%	45%	44%	49%
None of these	18%	20%	16%	12%	18%	21%	23%	16%
Don't know	7%	5%	8%	7%	7%	8%	5%	7%

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		Male	Female	18-24	25-34	35-44	45-54	55+
For the following question, by "emotional capacities", we means the ability to feel human emotions such as happiness, sadness, empathy etc... Thinking about what you would classify as a robot… Which ONE, if any, of the following statements do you MOST agree with?								
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
Some robots have already developed emotional capacities advanced enough to form relationships with humans in the same way you would with another human	6%	6%	6%	6%	8%	5%	7%	5%
Some robots will be able to develop emotional capacities advanced enough to form relationships with humans in the same way you would with another human in the future	28%	33%	23%	45%	34%	30%	28%	19%
Some robots will never be able to develop emotional capacities advanced enough to form relationships with humans in the same way you would with another human	45%	41%	50%	35%	41%	39%	44%	53%
None of these	8%	9%	7%	3%	6%	9%	10%	9%
Don't know	13%	11%	15%	11%	11%	18%	11%	14%
Still thinking about what you would personally classify as a robot… Which ONE, if any, of the following statements do you MOST agree with?								
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
Some robots have already developed higher levels of intelligence than humans	21%	19%	22%	26%	26%	20%	21%	18%
Some robots will be able to develop higher levels of intelligence than humans in the future	38%	42%	35%	48%	41%	38%	38%	35%
Some robots will never be able to develop higher levels of intelligence than humans	20%	19%	21%	12%	17%	16%	20%	26%
None of these	6%	7%	5%	2%	3%	8%	6%	6%
Don't know	15%	13%	17%	12%	13%	18%	15%	16%
Can you imagine yourself forming a friendship with a robot at any point in the future?								
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
Definitely will	2%	3%	1%	4%	2%	2%	3%	1%
Probably will	11%	14%	9%	16%	21%	12%	11%	6%
Probably won't	30%	31%	30%	39%	30%	26%	33%	29%
Definitely won't	42%	37%	47%	29%	33%	39%	35%	53%
Don't know	14%	15%	13%	12%	14%	21%	17%	10%

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	Total	Gender		Age				
		Male	Female	18-24	25-34	35-44	45-54	55+

For the following question, please imagine robots had the emotional capacity and intelligence to form friendships with humans… Which, if any, of the following do you think is the most likely reason someone would form a friendship with a robot? (Please select the option that best applies. If you don't think there is any reason in particular for this, please select the "Not applicable" option)

	Total	Male	Female	18-24	25-34	35-44	45-54	55+
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
They don't feel able to find human companionship	40%	34%	45%	44%	48%	40%	42%	35%
They prefer the companionship of a robot to a human	12%	14%	10%	15%	11%	13%	13%	11%
They are able to find human companionship, but interested in also developing a friendship with a robot	14%	17%	12%	15%	17%	12%	15%	14%
Other	3%	3%	2%	2%	2%	3%	3%	3%
Don't know	10%	11%	9%	10%	8%	13%	11%	9%
Not applicable – there is no reason in particular why someone would form a friendship with a robot	21%	21%	21%	14%	13%	20%	16%	29%

For the following questions, please remember that your answers are always treated confidentially and are never analysed individually. We have provided you with a "Prefer not to say" option if you would rather not share your answer. For the following question, please imagine robots had the emotional capacity and intelligence to form romantic relationships with humans… Can you imagine having a romantic relationship with a robot at any point in the future?

	Total	Male	Female	18-24	25-34	35-44	45-54	55+
Unweighted base	2005	920	1085	172	296	349	361	827
Base: All GB Adults	2004	974	1030	221	304	353	343	783
Definitely would	1%	2%	1%	0%	3%	1%	2%	1%
Probably would	4%	7%	2%	6%	6%	6%	5%	2%
Probably would not	13%	16%	10%	12%	18%	15%	13%	11%
Definitely would not	75%	66%	83%	74%	65%	71%	73%	81%
Don't know	6%	8%	4%	6%	6%	5%	7%	5%
Prefer not to say	1%	1%	1%	1%	2%	2%	1%	0%
Refused	-	-	-	-	-	-	-	-

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In general, how comfortable or uncomfortable do you think you would be working with a colleague or manager that was a robot? (Please select the option that best applies on each row)

Working with a colleague (i.e. someone at the same level/ job role within the company as you) that was a robot

	Total	Male	Female	18-24	25-34	35-44	45-54	55+
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
Very comfortable	5%	7%	3%	5%	8%	5%	6%	3%
Fairly comfortable	22%	26%	19%	27%	26%	22%	21%	21%
Fairly uncomfortable	22%	22%	23%	24%	24%	22%	23%	21%
Very uncomfortable	37%	32%	42%	36%	33%	33%	34%	42%
Don't know	13%	13%	13%	8%	9%	18%	16%	14%

Working with a manager that was a robot

	Total	Male	Female	18-24	25-34	35-44	45-54	55+
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
Very comfortable	4%	5%	3%	5%	5%	6%	4%	2%
Fairly comfortable	12%	15%	9%	9%	13%	13%	15%	11%
Fairly uncomfortable	21%	21%	21%	24%	27%	19%	23%	18%
Very uncomfortable	49%	45%	54%	54%	47%	44%	42%	55%
Don't know	13%	14%	13%	8%	9%	18%	16%	13%

For the following question, by "rude", we mean raising your voice, being unsympathetic and being generally impolite... Please imagine you had received poor service in a restaurant or shop from a robot waiter/ shop assistant that is able to detect tone and emotion in a human's voice... Do you think you would be more or less likely to be rude to the robot, than you would to a human waiter/ shop assistant, or would there be no difference?

	Total	Male	Female	18-24	25-34	35-44	45-54	55+
Unweighted base	2041	935	1106	178	301	352	367	843
Base: All GB Adults	2041	991	1050	229	309	356	349	798
Much more likely	10%	13%	8%	12%	12%	11%	11%	9%
A little bit more likely	20%	21%	20%	25%	25%	25%	18%	17%
No difference	48%	47%	49%	49%	41%	46%	50%	50%
A little bit less likely	4%	4%	4%	4%	7%	2%	5%	3%
Much less likely	3%	3%	4%	2%	4%	2%	4%	4%
Don't know	14%	13%	15%	8%	11%	15%	12%	17%

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