Week 3

**Researcher 1** 00:00

To set to record, we'll `make a little bit of time as well, for for say [P1] and anyone else who's been playing around with the the SD card and sort of building visualisations and a little bit of time for show and tell, as well and a little bit about kind of things we can be thinking about for next week. Does that sound alright?

**Researcher 1** 00:19

All right, brilliant.

**Researcher 1** 00:24

First things first, just just do some quick introductions, cuz we've got a sort of somebody new again this week, but we've got two people new. So you've all met me and [Researcher 2]? [P5], you ever met [Researcher 3]? So [Researcher 3] is our collaborator from Northumbria. He's the kind of third part of the project team. We've got [P2], [P4] and [P1], who've been with us for the past couple of weeks. [P5] is a PhD student. And [P2], [P4], and [P1] all work at the University as well. So it's sort of everyone's everyone's university staff or students, I think as well. [P1], did you want to introduced this is your son, right? I think we met briefly last week.

**P1** 01:09

Yes, I said, I said it should just come in sit in for but wouldn't would. It isn't appreciating all the time, just to talk because he's doing most of the development on on the R Shiny app that we've been working on?

**Researcher 1** 01:26

Yeah, that's great. Happy to have you with us.

**P1** 01:33

[inaudible]

**Researcher 1** 01:35

Might have to send you through a consent form by email, just so we can kind of use the recording. But we can we can sort that out later. I thought first, may maybe, maybe [P5], did you want to just maybe introduce yourself and sort of say a little bit about your background and your interest in the project?

**P5** 01:59

Yeah, so hi, everyone. I'm [P5], I'm actually normally at the agriculture building. So I'm in with the animal scientists team, I'm doing a PhD in behaviour informatics. So I'm kind of taking a big data approach to analysing animal behaviour, specifically, right now in dogs. So I'm doing some machine learning to do pose estimation, and kind of build a skeletal framework to collect data on dog positions, from video data, and then use that to look for differences in their behaviour across different scenarios. So yeah, I'm kind of interested in this, because my team is also doing some kind of we're building like smart collars. And we're also like, integrating technology for like shelter purposes and stuff like that. So this is really good to kind of understand the implications of our work. And what would it mean to have a device like this on a collar that is on a dog that's going with their owner, you know, out and about places? And how do we make sure that data is secure? And who has access to it? And how is it used? So this is really cool. It's been kind of nice, because just like taking this thing around with me, has really kind of gotten me to see my schedule during the day, and see when I slept in and when I got up on time, which is really, really painful. Yeah, so that's where I'm at.

**Researcher 1** 03:42

How were things like that showing up in the data, kind of what was it, what were you join those kinds of conclusions from,

**P5** 03:49

I think, because I would start to move around, or I would leave the house. So like the wireless connection, um, I think is the the big thing for me, because my my wi-fi is called Gondolin. I'm a Lord of the Rings nerd. And so you can see when I leave the house and start like going to the climbing wall, or if I go to the coffee shop, it will connect to those exact coffee shops that I go to. And so there are timestamps for that. But then there are also light and sound stamps for when I start doing things and I start like shifting this little guy around. I mean, I guess the movement tracks that too, but I have a hard time interpreting what the movement means exactly, because I think sometimes like, if I'm moving it around, it registers but I would expect it to move slightly differently if I was like walking with it, or like if I well hopefully I don't drop it but like I guess that said, I'm not really concerned with movement because I see enough with the sound and light. Maybe it's where I'm going with it. It's still useful though. I guess the movement does follow when I move but usually when I move it, the wireless connection will change. And the sound will change.

**Researcher 1** 05:06

Yeah, yeah, that makes a lot of sense. It's interesting about the sort of movement data, but almost that's I suppose turned out to be. Yeah, I guess you'd imagined that to be the most useful thing wouldn't you for whether or not you're moving, but I guess not. All right.

**Researcher 2** 05:26

Did [P2] have a question.

**Researcher 1** 05:29

Yeah go for it.

**P2** 05:32

It was a comment. I was just saying, [P5], thank you so much. I was going to start waving this thing at [a colleague] the other day, because I'm doing some work with [her] on knowledge transfer to do with the dog collars. But I was like, hey, there's, there's something here. But you've done it great.

**P5** 05:49

Yeah, I've, um, I'm going to be chatting with [another colleague] later this week. And [he]’s the one who's like working on like, custom building as the collar and all that stuff. So yeah, I'm gonna be kind of probing this.

**Researcher 1** 06:07

That's really nice. And like, if anything comes out of discussing like the probe with anybody showing it like do tell us and let us know because it'd be really interested in hearing about any of that. Alright, so we we send out a sort of a bit of a task, a little bit of homework this week, which was to think about the home and what your home looks like, to the probe. And the reason we started there as a sort of first kind of task is, as I said, because a lot of the technology of smart technologies that we deal with are in the home somewhere like, smart speakers and things like that, smart thermostats, doorbells. And that is a lot of people's experience of, of the Internet of Things and connected products. So we were, we were interested in sort of probing a little bit about what those devices actually see of your home. And so I think we set some prompts around, whether different parts of your room look different, whether different rooms in the house, whether you can see signs of the kind of rhythms of day to day life, whether you can see evidence of other people in the home or visitors or even sort of pets, I suppose and other sort of inhabitants of the home rather than people. And, and also whether whether sort of other people in the household have any thoughts themselves about the data if you're willing to share it with them. So I don't know if anybody has done anything around the home that they'd like to share or seen anything that they thought was interesting.

**P4** 07:51

So I started doing this by moving the probe around the house so we're west east facing. So I thought I'll put it on either side of the house, you'd sort of, at least to some extent, maybe the intensity of light will be different. But I guess it greatly depends on where in the room it is. But obviously, on the weather as well. So I'm just trying to remember which rooms I had it in on which days. But when it's in in the little ones room, then obviously it gets dark a bit earlier, because we shut the curtains. But you can you can start to see sort of patterns within us, there's doesn't seem to be that much difference between the east side and the west side. I thought it might be slightly more obvious which room it was in, but it doesn't appear to be. But noise kind of makes a difference, I guess we're in different rooms doing different things at different times of day. So when it was in the kitchen, obviously it gets quite loud early in the morning and later on the afternoon. But apart from that it's fairly, fairly quiet. But I've not been able to get the data off the SD card. I've only been able to use it on the the looking at it on my phone. So it's be good if anyone has a an Idiot's Guide of how to get the data off the smart off the SD card, then that will be quite helpful.

**Researcher 1** 09:19

I think I think [Researcher 2], you were talking about maybe some kind of Idiot's Guide, right or sort of to the, to the file format or

**Researcher 2** 09:26

Yeah, yeah, no, that's a no, no, that's something absolutely that's come out of this conversation. I can you find that. Yeah, let's talk about that tomorrow. And then maybe I can get something out sooner than later.

**Researcher 1** 09:40

Yeah. That was really interesting. So were you did you have the probe in a different room each day or for a whole day?

**P4** 09:50

Yeah. So it was moved, sort of last thing at night. So it should have been fairly dark. So hopefully, it was more trying to go off the light. I would have thought that should have had more of an impact but I guess it is relatively close to the window each time but not I guess depending on where exactly near the window probably has a huge effect on the amount of light that it receives

**Researcher 3** 10:14

[Researcher 1], I was gonna say as well what I find fascinating about that [P4] is in a way if this was a internet connected plant pot that was gathering light which is something an internet connected plant pot might possibly do that by putting it on the window sills it's I don't know there's a really interesting it got my heads you know, going somewhere around that and and would an internet connected plant pot be able to tell it was a child's room just because it went dark at six o'clock every night or something and, and then are there new security implications and how, how would you feel about that? I don't know. There's I don't know. Yeah, you basically modelled a plant by putting it on the on the windowsill. And I think that's really interesting.

**Researcher 1** 11:03

I always like the, the sort of pattern of use of the kitchen, I thought it was really interesting as well. And it made me kind of wonder if, you know, if you had a smart speaker or something like that could it could reasonably tell what room it was in? Was kind of some of the thinking behind this question. You know, could you tell could a device know that it was in the kitchen without being told that it was in the kitchen?

**P4** 11:31

Yes, I wouldn't be surprised. I think most of the devices we have these days all require they need to know which room they're in. Which is I think unnecessary but yeah, we also quite happily fill it all in.

**Researcher 1** 11:47

Yeah, yeah.

**Researcher 2** 11:50

When, how old is your child?

**P4** 11:55

He's just turned one.

**Researcher 2** 11:57

Okay, so not going to explain it to him then.

**P4** 12:01

But it was in in the middle one. I haven't done the oldest one yes. Yes, he's quite interested in... her room spans, it's got windows both ends so she has east and west so they might struggle to figure out which which which room it's in for her.

**Researcher 1** 12:22

Anybody else try anything around the home this week?

**P1** 12:32

I did but I haven't analysed it yet.

**Researcher 1** 12:36

Your you your mics very very quiet [P1] and I don't know about anyone else I can't quite quite I've got my speakers right up I can't quite hear

**P1** 12:47

I'll just try and is this any better

**Researcher 1** 12:55

No might might want to check your input I guess we'll see if it's coming from a mic that you're not expecting or something

**P1** 13:05

Is this any better?

**Researcher 1** 13:29

Sounds the same really.

**P1** 13:33

[Researcher 1]? No, I don't know.

**Researcher 1** 13:41

Okay, I guess we'll..

**P1** 13:49

Can you hear me still?

**Researcher 1** 13:51

Oh, that's better. That was better.

**P1** 13:55

Okay. No, like my computer, my internet, everything seems to be very slow. I was saying I did take it to different to a couple of different rooms. But I haven't analysed the data yet. I will have time really to look at it.

**Researcher 1** 14:18

Alright, thanks. Yeah, no, it'd be really nice to sort of get your reflections on that. Maybe another time. If you sort of have a chance to go through that

**Researcher 2** 14:27

Which rooms did you try? What What was your thinking?

**P1** 14:32

Today, I just left it in the bathroom because I thought that's kind of quiet. You know, it'll just have the sound when someone goes in the other day I left it in the lounge. But also, [my son] and I spend most of our time up here, so and it will be darker down there. So I just I well, I thought it will be contrasting to what is going up here where we basically live and then I'll leave it in the kitchen later in the week. See how that goes. Let's see if we can compare and get any differences.

**Researcher 2** 15:10

Can I suggest some, we haven't talked about this [Researcher 1]. Should we were thinking about more specific tasks in the kitchen. Do you think we've talked about that one? That

**Researcher 1** 15:23

What was that sorry, [Researcher 2]?

**Researcher 2** 15:24

oh, I'll just say we were talking about fridges. Do you remember our conversation about fridges? Is that something just

**Researcher 1** 15:32

Yeah we can give that a try. We, so [Researcher 3] and I thought about that, but we wanted to check it with you first to make sure it wouldn't completely wreck the probe.

**Researcher 2** 15:42

Oh, oh, I suppose it could be a bit damper. And I couldn't I could do your own risk. I think it should be fine. But I guess it would be a it's a fairly straightforward you're gonna see the light when it comes on when someone opens the door to get some milk out or get a snack or whatever, right.

**Researcher 1** 16:12

Yeah, yeah, we thought, yeah, though it'd be quite interesting to explore some of the less explored places in the house, actually, because I suppose the rooms rooms are fairly obvious. But what does the house look like from inside a cupboard or from I think the

**Researcher 2** 16:28

Actually cupboard is, cupboard is a safer option. You get a light from the room, but not risk the

**Researcher 1** 16:36

[P2] suggested Tupperware I think that's that might be yeah as well.

**P1** 16:43

One of these Ziploc bags might be because it'll let more light through.

**Researcher 3** 16:47

You know in terms of storytelling, though, I'm kind of thinking about this and almost kind of think, because we just talked about internet connected plant pots. And I guess the bigger aims of this project is really to understand that maybe some more of the kind of like less obvious internet connected devices we might have in the future, when they're in maybe your toothbrush, which there are now but not everyone's got that they, they could be in the plant pot, but people haven't got it. Certainly internet connected vacuum cleaners. So I wondered yeah put it in a cupboard that you keep your vacuum cleaner, or think of think of a device and what it might be like if it's connected and put this in that space. Because you don't know it might be the the view from the vacuum cleaner might be exactly what you what you expect, it's dark, but maybe it picks up on something else or something so that we can, what we'd really like to know is effectively at some point to be able to have insights on you know, the data that's connected from from connected devices that we might not be expecting. So yeah, wherever you keep your toothbrush or something if it's in a cupboard, or if it's just by the mirror or in the bathroom area sink or whatever it is, you know, trying to imagine what that might be and try and think of a story around that I guess. Which is why I guess we had the fridge right, [Researcher 1] because it's such a, an icon, the internet connected fridge, sort of an icon of failure in IoT, I guess.

**Researcher 1** 18:18

But also also a window into lots of other habits as well isn't it you know, the sort of opening and closing of the fridge it tells you about the rhythms of the day but you can also sort of draw conclusions potentially about health and things like that. So it's quite it is yeah, is a the internet connected fridge is a bit of a bit of a running joke, isn't it? But but sort of potentially kind of interesting as well.

**Researcher 3** 18:41

Yeah, who's that midnight snack up potentially. And you know, what would it be like for you to find that out in your family like realise the fridge has been opened at three in the morning.

**Researcher 2** 18:52

If you do do that, then please take some photographs of any unusual places that this probe ends up and then any Tupperware or bags or anything I'd love to see that

**Researcher 1** 19:02

Has anybody kind of shown their data to anyone else yet or shared it with somebody or felt comfortable doing that?

**P2** 19:16

It wasn't the data, it came with me to the SAGE faculty had 150 years of SAGE celebration at the Civic Centre on Monday gone, so not yesterday, the previous previous Monday and because it was travelling with me it was tucked in behind my laptop but connected to the charging cable and I was promoting our knowledge transfer scheme. This got a hell of a lot more attention than I got. There was loads it was a show and tell for doctoral students to put the posters up and I every one of them came over and we're looking at it and then started to go oh, can I look at the can I go to the website on the bottom of the, sure knock yourself out you know so they were taking pictures of it and stuff like that. So it got a lot of interest. One guy from our marine scientists was particularly taken with it because he was trying to work out how much it cost you to build it. And if you could build something similar for putting in the ships holes in the paint, for monitoring the quality of the paint, so I've given them your contact.

**Researcher 1** 20:25

Yeah, happy to talk to them. That's really interesting, though. So I suppose did people you say, people, you let them sort of look at the websites or people loading that up and sort of rummaging through the data?

**P2** 20:39

No, because it can't see the data on mine, I used to connect to the the Open Lab website on the bottom that explains what the project is. So you might be able to track sort of imprints on that site.

**Researcher 1** 20:51

Gotcha, I understand now.

**P2** 20:53

No, that was the thing. I was saying to them all there's a GUI, we can look at the data, and they were like will you show us and I was like I can't the minute, hey but this is an experiment things happen. You know.

**Researcher 1** 21:04

That's unfortunate. Yeah. [P5], did you have a hand up there as well?

**P5** 21:11

Yeah, um, I took it to the pub with me with a few mates and stuff. And then, you know, as one does after drinking, it just came out and everyone played with it. And I pulled up my data, because I mean, I don't care if it's mine, like, so I showed them like, yeah, you know, when we went and did this, look, here it is. And then here's, you know, what we see. And yes, one person was in my lab, but another person of all things makes like clapper boards for movies. And so like I asked him about the classics part and about how you, you know, did the printing and stuff. And I really liked how you printed the design on this where we have the labels on everything. And that actually brought up we were wondering what the little huzzah means? On there there's like a huzzah exclamation mark. Is that meant to be something? Or is that just for fun?

**Researcher 2** 22:10

Well, I can't really answer that, because that's that bit of it is that module is a premade bit. That is that's that's called a Feather Huzzah. That's what the that's what that module is called. So we didn't, we didn't print any of that bit of the board. Yeah, that's cool. That's interesting.

**P5** 22:32

Yeah.

**Researcher 2** 22:34

I also like it from the point of view of being in the pub, because I think several times the, inadvertently, perhaps, but the design of it is not too far off a beer mat, right. In terms of like size.

**P5** 22:50

Yeah. So it was quite well received. People wanted to press all the buttons, and I told them no, because I didn't, I didn't know what like there's, I think, a little reset button on there. I didn't know if that was going to wipe anything. So I told them, they couldn't touch it. It's not drunk proof.

**Researcher 2** 23:07

If you do press the reset button, it's fine. You can, you can't without trying really hard, you can't, like wipe it.

**P5** 23:22

Good. But yeah, that it was well received. And they all had questions about it. And like, oh, how much more can we collect? Are you sure they can't get access to it? Like I think that was asked a couple times was like making sure that it was actually mine and that it wasn't being transmitted, or that other people couldn't pick up what was being collected on it. So I thought that was a interesting point.

**Researcher 1** 23:48

That is interesting was was there anything in particular, like data wise that that they were concerned about? You know, that bits of that that might be more concerning than than other parts?

**P5** 24:00

I think it's just that, um, the data was collected from a temporal standpoint. So like somebody could using this data, know when I leave the house in the morning, where I'm going, exactly which coffee shop I'm in and I'm a wee bit of a consistent person. So if somebody had that data, they would know like, where to go if they wanted to find me kind of a thing. And we kind of talked about, like, what does that mean? Like, I can carry this around, but if somebody were to get hold of it, or if somebody could read data off of this without me knowing, then you know, would they know my schedule and where I live kind of a thing, which I think was an interesting point. I hadn't really thought that deeply into that before. But yeah.

**Researcher 1** 24:56

That's really interesting. I mean, especially in you probably have seen stuff maybe in the news recently about Air Tags, and sort of people, you know, the the Apple tracking devices and people finding those kind of stuck to that car or slipped into their handbag or something like that. And but actually that that tracking doesn't need to be that obvious, I suppose

**Researcher 3** 25:20

I'm really interested in that setting and I'd wonder, because there is actually quite a lot of connectivity appearing in pubs now. So I don't know how much you're aware of that, that the most of the kegs will be connected so that that often it's been a it's a tied a brewery then the brewery can track how much beer is being both sold and then how much is left in the in the kegs and then tally that up and say, there's a few pints missing here. Have you been popping in after work bar staff, but also then being able to refill it, the temperature the beer that the things in it.... I'm quite interesting that if you having a conversation about this device, collecting data, because I've never seen I don't actually know the full sensors that might be on a beer keg and that they're and they might very well have a light sensor on there or a movement sensor or, or something. And yeah, I'm quite interested in when you're going in spaces and talking about this thing collecting data. If you kind of look up and go wait, there's a lot of things collecting potentially. And do you talk about that normally, or is that just because of this device prompted it?

**P5** 26:26

I think we've because some of our lab group has talked about like data security and privacy before. And I was talking about, like what this does and doesn't collect. Because I think we were it started with us talking about like Bluetooth and like accidentally connecting other people's Bluetooth and stuff like that. And I'm like, no, there, there's not Bluetooth on this one. And then it kind of just like devolved from there. But yeah, I guess even in, in businesses, there are Bluetooth connections and there are other technologies that one can tap into, or where the companies can tap into your data, or at least pick up on this. You know, I could see this potentially being used to track how many customers are in a store, just by monitoring how many new connections come in, or like how many people pass by because they'll they'll connect to a new phone or something. Interesting potential.

**Researcher 3** 27:32

Thank you. Thanks for sharing that story as well. It's really nice.

**Researcher 1** 27:40

I did mine mine did I had one of these briefly, when we were testing it, it did go to the pub once. Not intentionally, it just happened to be in the bag when I went. And I was surprised by how noisy it was as well, that actually didn't necessarily, it was outdoors, we weren't sort of inside we were outdoors. But you can still see like really clearly in the sound, you know, there's people around and there's music and sort of even from within my bag. So it was really clear when I'd been at the pub and when I'd left.

**Researcher 1** 28:12

All right. So maybe got about 10 minutes or so left. Was there anything else that anybody else wanted to share? Or sort of any thing they'd seen this week or things that they found were interesting or things that they wanted to ask us about? [P1] did you have, like how've you been getting on with the visualisation [P1] and the stuff you've been building? Was there anything sort of new and kind of interesting in that this week?

**P1** 28:42

Not really, because, well, [my son] has been working on it. But he got stuck with something. And I had to get a video in for a presentation at a conference. And so I was a bit preoccupied with all that. I did at least remember to go put the thing in a different rooms. And the one thing I did do was I took it to our community code community meeting. And I bought it out. And yeah, there was some interest but then the I think the conversation ended up deviating to weather stations, you know, particularly around this kind of probe. But they were quite interested in it. But beyond that, I think I did show them my data and the kind of stuff I did share that with them with a Shiny app and so on. But yeah, [my son]'s still working on the refinements so that we can see maybe lots of data on the same page of the

**Researcher 2** 29:53

Is this issue you were describing to me yesterday. Is that the where you're saying like the duplication of some of the parameters, and

**P1** 30:05

Sorry, I didn't

**Researcher 2** 30:06

I think you were talking yesterday, I think you were telling me that you're having troubles, like flattening the data, and then finding the columns and so on.

**P1** 30:15

Oh yes, that's one of the things that he's that he asked, I mentioned that to you yesterday, that's right. I can I can call him quickly and have him explain it if you want.

**Researcher 2** 30:28

Yeah.

[P1’s son briefly joined the call to discuss some technical details of the Data Probe. As he was not a participant in the study, this was excluded from the data]

**Researcher 1** 35:02

All right. [Researcher 3] and [Researcher 2], before we wrap up, did you have any other questions or anything you wanted to ask people?

**Researcher 3** 35:11

I was interested in was there anything that kind of like excited your or surprised you or made you laugh or kind of you might think is a sort of throwaway comment or something. I'm really interested in those sort of those things that kind of surprised you about or just made you think you didn't have to see the data to think, Oh, I didn't think I'd have that reaction to putting it in here or, yeah, any kind of incidental things. I'm always I'm always interested in.

**P5** 35:44

Just kind of randomly for me, I took this with me when I did some volunteer service on Saturday. And I took like, the bus to get there. And it connected to I didn't know that there was like Wi Fi on that bus. So it connected to like, Go North East or whatever that that was. And so it kind of like it surprised me. Like I'm like, Oh, great. Now I know that there's Wi Fi in the bus. But it felt kind of, like a little bit weird. Like, oh, now I can map like, not only when I went somewhere, but like how I went there. I that just kind of was an interesting surprise.

**Researcher 3** 36:26

That's lovely. Those are exactly those little really precious, I think stories to hear about actually that not just when but where or how and, you know, just shifting our mindset and it doesn't, doesn't take much does it to kind of think about that in a different way. Thank you. That's lovely.

**Researcher 2** 36:46

Yeah, that's great. That's just the kind of thing I was. Yeah. [Researcher 3]'s question yeah that's basically where I'm at as well.

**Researcher 1** 36:54

Reminds me that I can't remember if you shared this with the group last week, [Researcher 2], or if it was just in one of our meetings when you were talking about having parked your car up at football?

**Researcher 2** 37:02

Oh yeah. Yeah, that was yeah, that's quite well, there was a couple of bits in that. So I've been taking them around as well, obviously. And I went to I play football on a Thursday. And to start with, I put it in the little glove compartment of the car. So it was completely dark in there. But then it had a really high frequency like motion in the motion bit. And presumably that was it kind of rattling around as I was driving along. And then I parked there for like, hour and a half or whatever it was in the leisure centre. And then all of the Wi Fi networks, they do they do keep changing, but they're all like Aldi, this or BMW that or, you know, all of these different like networks that must be associated with people's cars. And it's like, ah, that's, that's intriguing, because obviously, I wasn't moving anywhere. But the networks were sort of changing as people coming in and out of the car park moving around me. Yeah, I like all that.

**Researcher 1** 38:07

All right, we're at about 45 minutes and promised not to keep you too long today. So thanks, again for joining us. And congratulations on staying awake, I suppose as well and I'm struggling at this point in the day. I just thought I wanted to leave you with some things maybe to think about for the next week. And I'll follow up as I have did last week, I'll follow up by email as well tomorrow with some of this. But maybe some things to be thinking about. Keep going if you haven't done much around the home yet, keep going with that, you know, if you want to try, try different parts, stick in your fridge, stick in a cupboard or whatever. And so keep going with that. But we also want it to start thinking a little bit about storytelling. So I think we've seen a little bit today already of sort of people telling stories with data. So [P5], you were talking about, you know, getting up and going to the same coffee shop and going to the same places and the the traces of that left in the data. And I suppose that's a sort of sort of telling a story with the data or seeing stories in the data. And I thought the same map. You were talking about, you know, the way you could see your kid when the time the kids went to bed and you could see the the activity in the kitchen. And again, this sort of starting to almost tell a story about the home through the data. So we were gonna ask you to think about the stories that you can tell using your data, the stories that you can tell about your own lives using the data and we'd like you to do two things for us, which is to look at your data and tell us a story that is true. Tell us what the data actually shows and tell us the story that it tells about your life. We'd also like you to look at the data and tell us a story that's false. Tell us some lies, kind of based on your data, something that is appears to be evidenced through the data that didn't actually happen. And I thought it'd be nice if next week, you could kind of share those two stories with us, don't tell us which is true, and which is false. And I'd be really interested to see, kind of, maybe tell us a story and tell us some of the data that backs it up. And I thought it'd be interesting to see whether people could, could figure out which which was true, and which was the lie. And if that works, I think we've got the format for a new BBC Two panel show. So which would be a great outcome for the project.

**Researcher 3** 40:44

I've always seen the as a TV presenter. I think I've started on BBC Two, but it could be BBC One quite soon, I reckon. Within a season easily.

**Researcher 2** 40:55

Well Ant and Dec were doing those things with doorbells, did you see that? Kind of crazy. We're going live to people's like Amazon Ring doorbells as part of their Saturday Night thing

**Researcher 3** 41:10

You're local boys.

**Researcher 1** 41:15

Okay, fantastic. Well wrap it up there, then, thank you, again, so much for joining us, as always a hugely appreciative of you giving up some of your evening to talk to us, as well as some of your week to play around with our toys as well. So thank you very much, we'll follow up by email, I think [Researcher 2] is gonna get in touch with you [P1]. We'll get in touch with you as well, [P2], and try to find out a way for either me or [Researcher 2] or whoever to update the device so you can you can sort of finally get at all that cache of data that you've hopefully collected by now. And we'll chat again next week.