







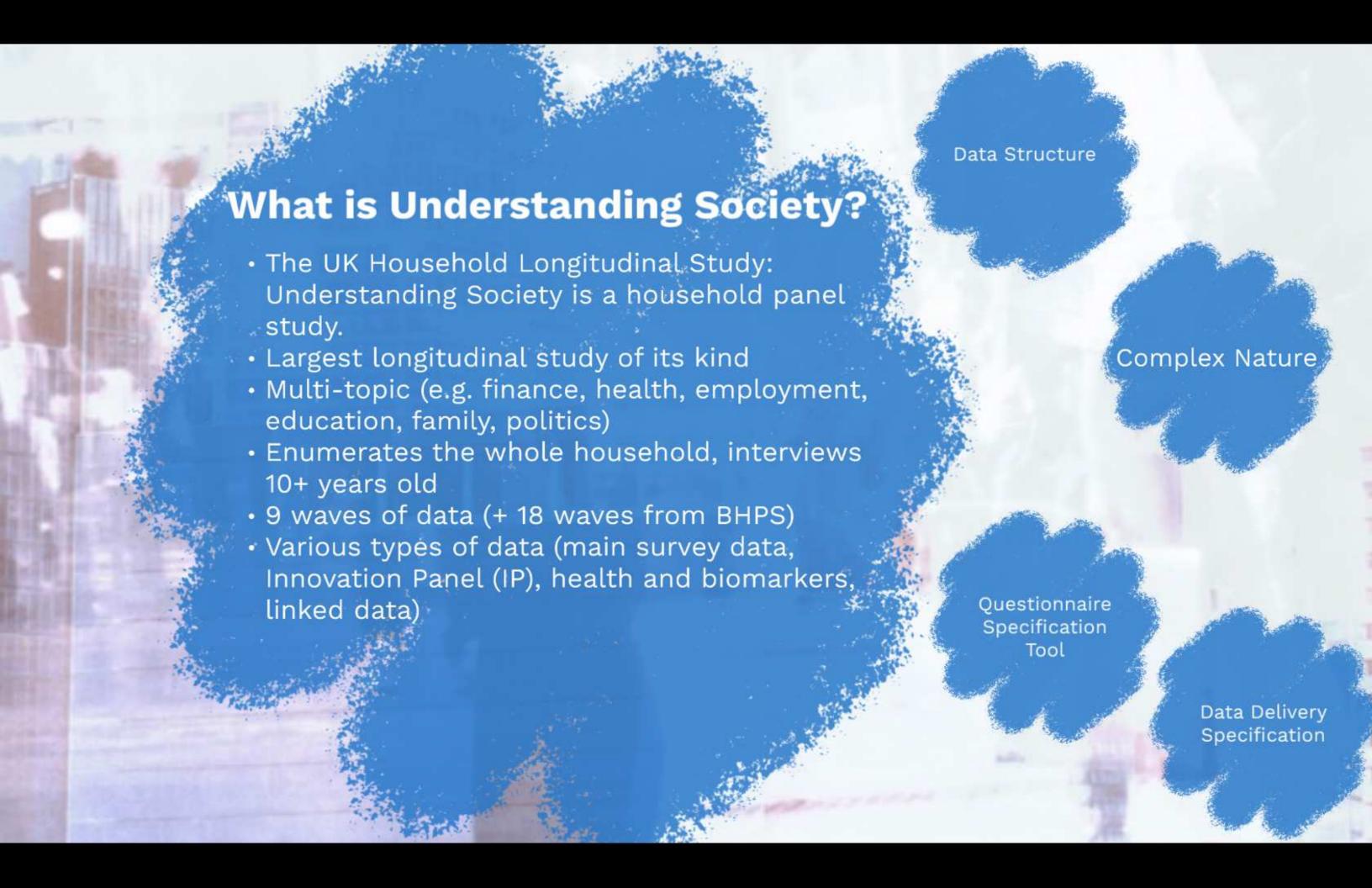
Using Colectica Designer for Questionnaire Specification

- challenges, progress and future plans

Catherine Yuen & Nicole James

What is Understanding Society?

Solution





HHSAMP

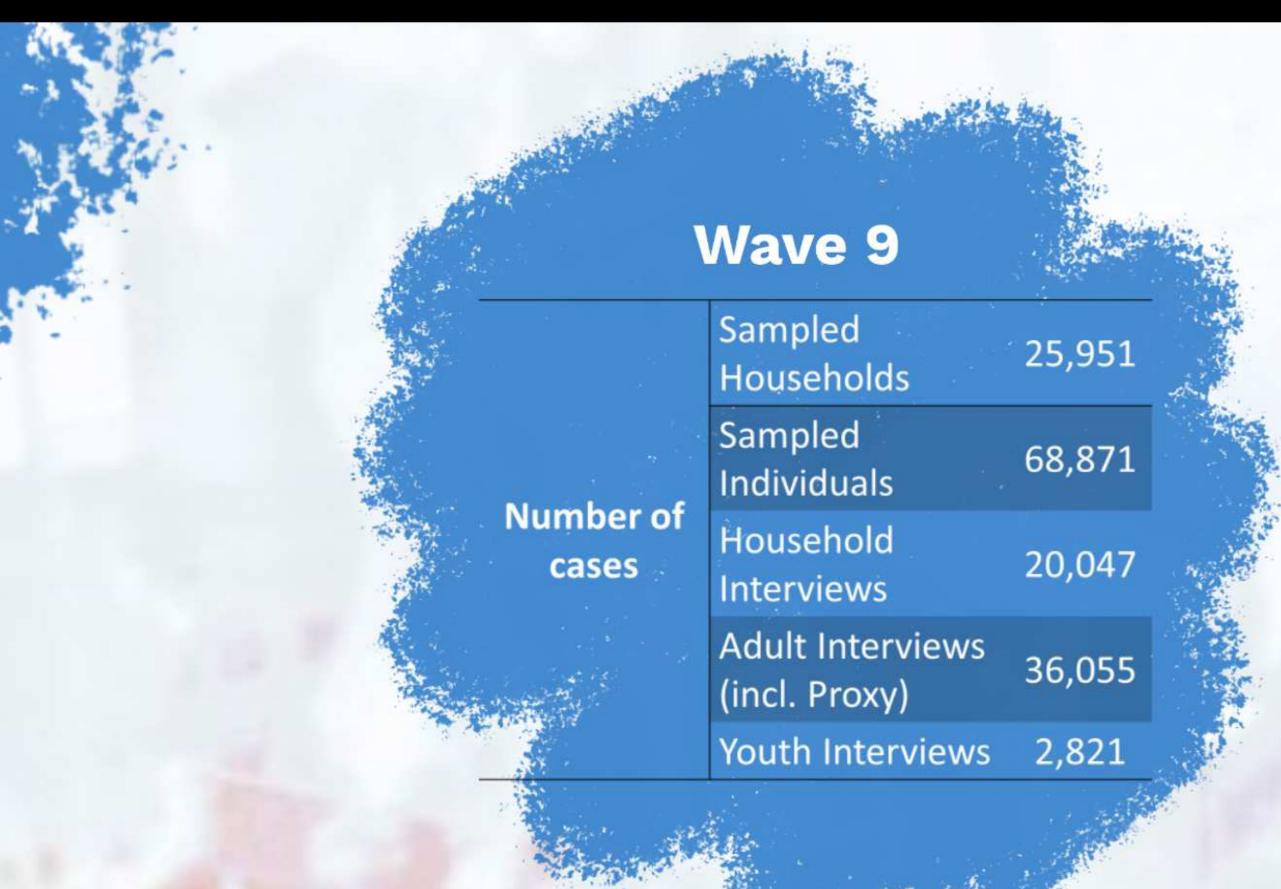
INDSAMP

INDALL

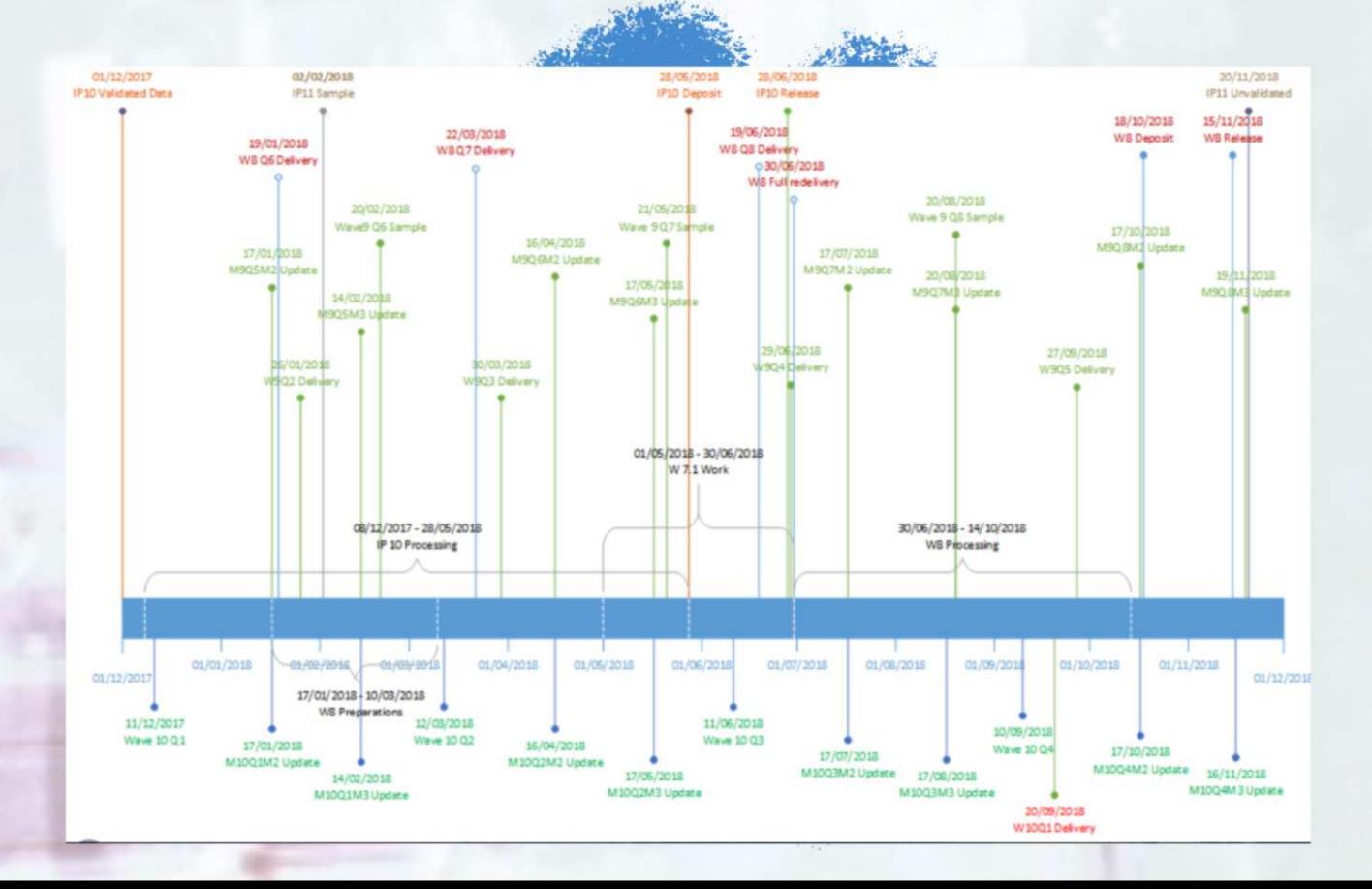
HHRESP

INDRESP & YOUTH

Wave 9









Wave	Modules	Records	Variables
9	71	37	3400
10	74	34	3158
. 11	74	38	3481

QSL

Main11. Understanding Society - Mainstage Wave f

- Weblogin_w11. Web Login module
- ► Hhgrid_w9. Household Grid module
- Gridvariables w10. Grid Variables module
- Household_w11. Household Questionnaire
- Indintro w11. Individual Intro module
- Demographics_w10. Demographics module
- Deviceuseandonlineactivity w11. Device Use and
- Initialconditions_w11. Initial Conditions module
- Ownfirstjob_w7. Own First Job module
- Educationalaspirations_w8 Educational Aspiration
- Youngadults will. Young Adults module
- Familybackground_w7. Family Background modul.
- Ethnicityandnationalidentity w7. Ethnicity and Nat.
- Ethnicidentitysub_w11. Ethnic Identity Sub-sample
- ► Religion_w7. Religion module
- ▶ Harassment_w11. Harassment module
- Disability w10. Disability module
- ▶ Broaddiscrimination_w11. Broad Discrimination mc
- Healthconditions w10. Health Conditions module
- ► Healthserviceuse_w8. Health Service Use module
- Smoking w9. Smoking module
- Nutrition_w7. Nutrition module
- Exercise w7 Exercise module
- Socialcare_w11. Social Care module
- Caring w8. Caring module
- Partnershiphistory_w8. Partnership History moduli
- Fertilityhistory w9. Fertility History module
- Annualeventhistory_w11. Annual Event History mc
- * Heconsent_w11. Higher Education Consent modu
- Currentemployment_w11. Current Employment inc.
- Employees w10 Employees module
- Employerlink_w11. Employer Link module
- Selfemployment_w10. Self-employment module
- Jobsatisfaction_w8. Job Satisfaction module
- Physicalwork w11. Physical Work module
- Nestconsent_w11, NEST Consent module

Main11. Understanding Society - Mainstage Wave 11

Version

02 (Thu May 30 10:57:06 2019) produced Thu May 30 10:58:18 2019

Module Weblogin_w11. Web Login module

Version

01 (Fri Feb 1 10:54:12:2019) produced Thu May 30:10:58:18:2019

Use

Use Weblogin_wll

Development Note RECORD START 824 person

If (GRIDVARIABLES.ModeType = 3) // If mode is web

Display Note

Screen Start CAVII (use day-month-year template)

Weblogin_w11.Chkwebdobd. Check Respondent day of birth web

Type	Decimals	Width	Range	Don't Know	Refused	Inapplicable	Missing
number	0	2	1.31	- 4	-2	-B	-9

Source

UKHLS

Version

1.0

Scripting Notes

Use drop down list

Text

We need to make sure we are surveying the correct person. What is your date of birth?

Question Box Label

Day

He

Ask ChkWebDOBD

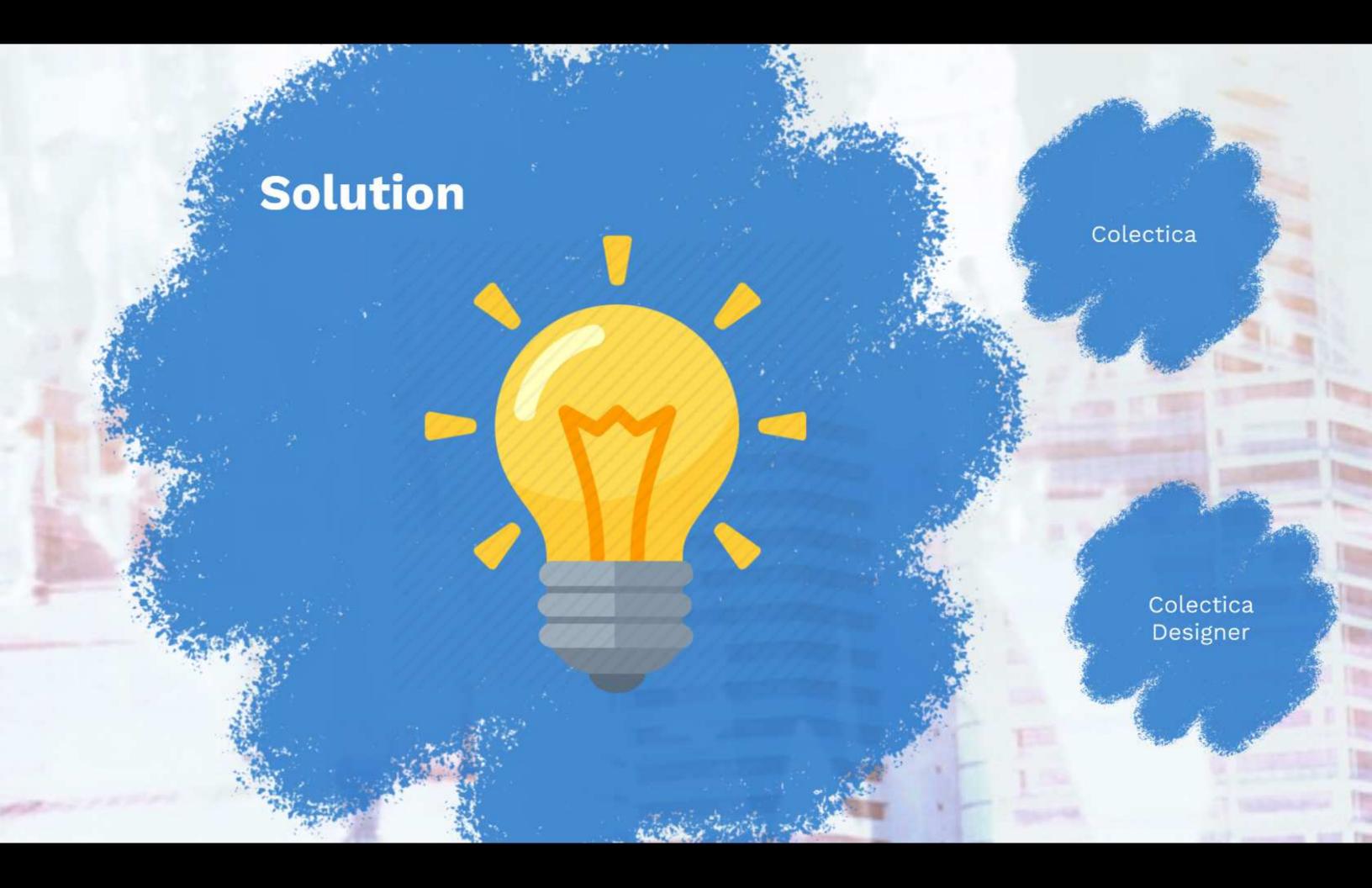




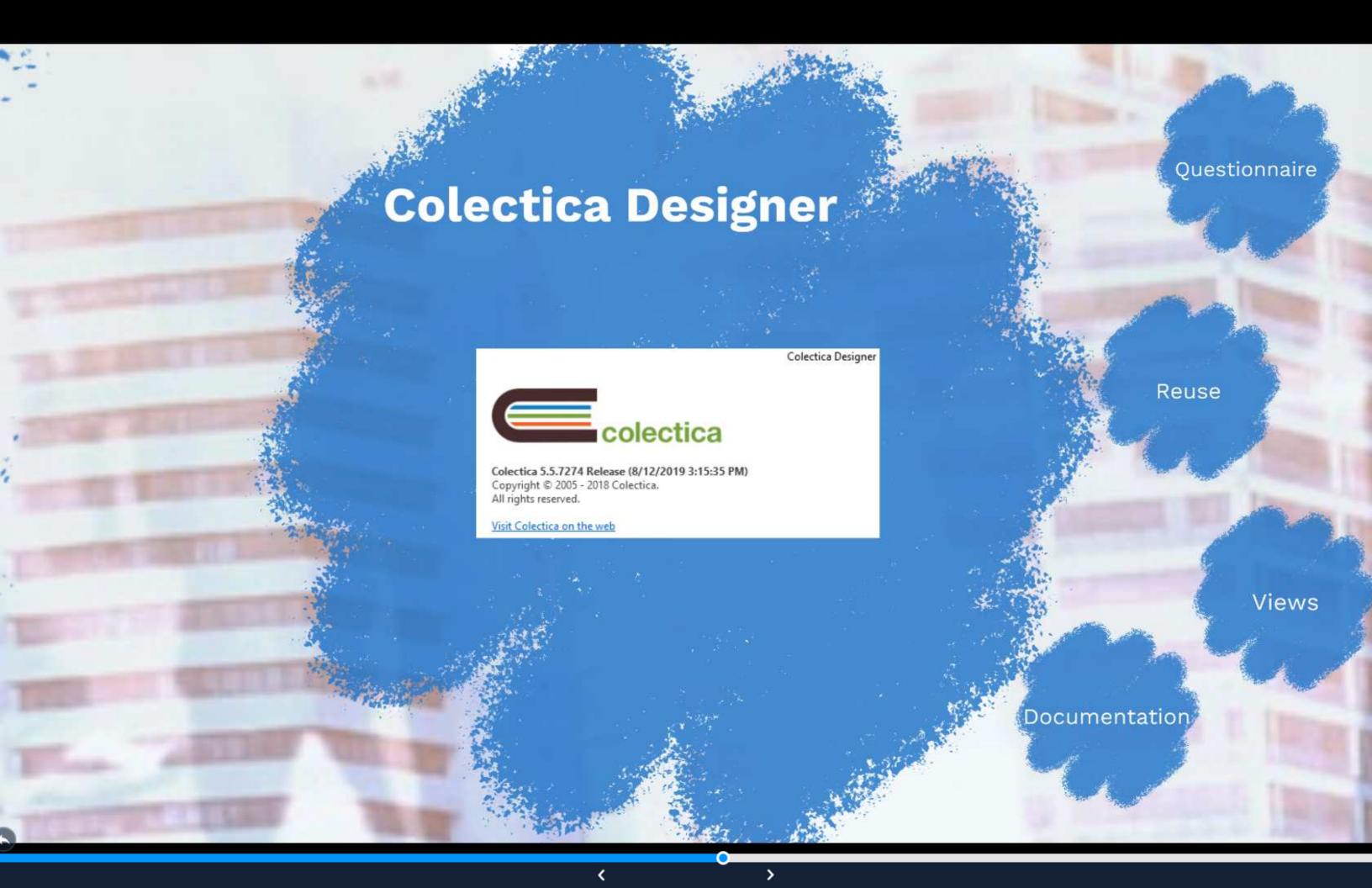
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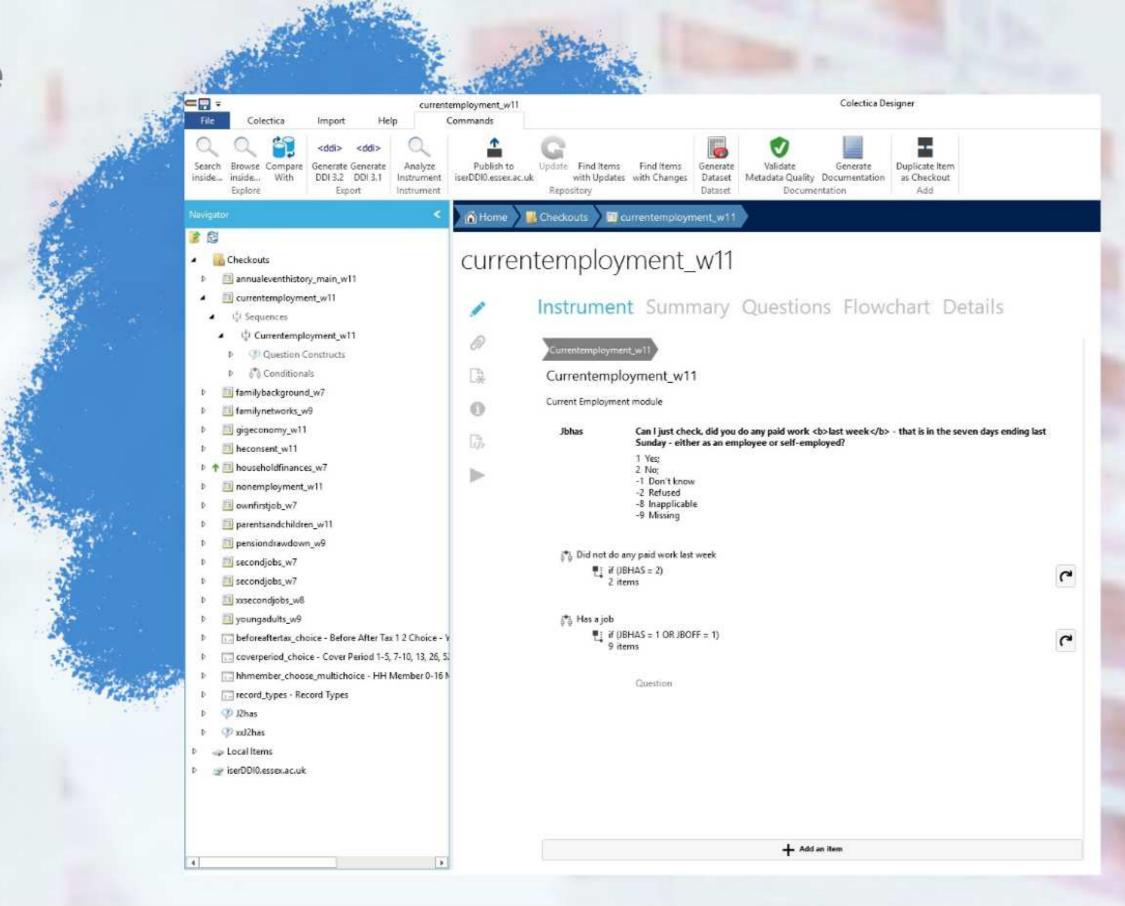
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         02 (Thu May 30 10:57:06 2019) produced Thu May 30 10:58:18 2019
       </re>
     </sd properties>
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             01 (Fri Feb 1 10:54:12 2019) produced Thu May 30 10:58:18 2019
           </re>
         </ri>
/rm properties>
         <context>weblogin w11</context>
        -<specification elements>
           <dcomment>RECORD START 824 person</dcomment>
          -<branch>
            -<if>
                <condition parsed="0" xtype="boolean">GRIDVARIABLES.ModeType = 3</condition>
              -<sd properties>
                  <label>If mode is web</label>
                </sd properties>
              -<specification_elements>
                  <ycomment>Screen Start CAWI (use day-month-year template)
                -<question name="weblogin_w11.chkwebdobd" type="number">
                  -<qt_properties>
                      <decimals>0</decimals>
                      <dont know>-1</dont know>
                     -<icomments>
                         <icomment>Use drop down list</icomment>
                      </ir></icomments>
                      <inapplicable>-8</inapplicable>
                      <a href="label">Check Respondent day of birth web</abel>
                      <missing>-9</missing>
                      <qlabel>Day</qlabel>
                      <range max="31" min="1"/>
                      <refused>-2</refused>
                      <source>UKHLS</source>
                     -<text>
                         We need to make sure we are surveying the correct person. What is your date of birth?
                      </text>
                      <version>1.0</version>
                      <width>2</width>
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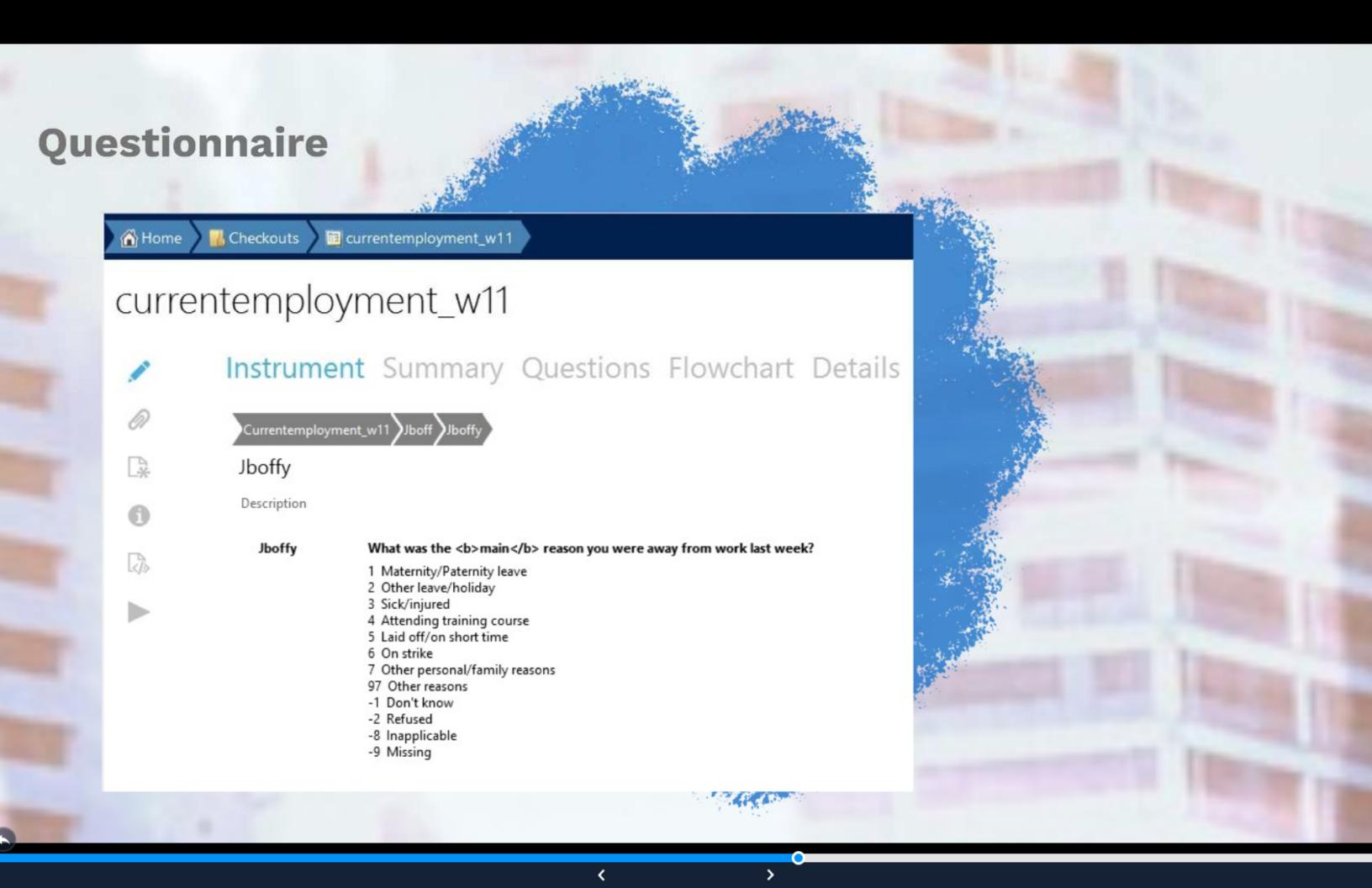
				ne		51		Service.							
A 8	C	D	E E	F G	Н		Jares	K	L M	N	0	P (a R	5	T
The first and the second secon	hid														
oferential constrain	hid in set of new w	ave hids [ff_nev	whid) in ff_hholds record, or a hid for a split-off (max 9) derived from the fed forwa	and hid											
Multiplicity	11	- H													
Contents															
Record Module 1	PLPATE TO THE PARTY OF THE PART	Туре	A District Control of the Control of	Column Width Decimals	6										
idminh I	HID	string	Household Identification Number	12											
idminh (OLDHID	string	Previous Wave Household Identifier	12											
idminh 1	serial_tns	string	TNS serial number	10											
idminh I	ISSUE_NUM	number	Number of times address was issued to interviewers	2	Issue num	iber (seque	nce numbe	er for the issu	e attempt)						
adminh I	INTNUM	number	Interviewer Number	6											
adminh ,	ALLOCMNTH	number	Allocated fieldwork month	2											
adminh /	AINTDATE	string	Interview date	8											
adminh ,	AINTLEN	number	Computed Interview length in minutes	6											
adminh (OUTCDATE	string	Date on which household outcome was assigned	8											
adminh (EMBOOST	choice	EMBoost sample member in household	2											
adminh (GPCOMP	choice	GP Comparison sample member in household	2											
adminh	UDA	choice	LDA sample member in household	2											
adminh I	DWELTYP	choice	The following observation questions relate to the original issued address: QH	2											
adminh I	DWELTYPOTH	string	INTERVIEWER: You coded the address dwelling type as A1 . Please specify.	100											
adminh I	FLOORS	number	How many floors are there at the address?	2											
adminh I	BARRIERS1	multichoice	Locked common entrance	2											
adminh (BARRIERS2	multichoice	Locked gates	2											
adminh I	BARRIERS3	multichoice	Security staff or gatekeeper	2											
adminh I	BARRIERS4	multichoice	Entry phone access	2											
adminh (BARRIERS5	multichoice	None of these	2											
adminh I	BARRIERS6	multichoice	Unable to obtain information	2											
adminh /	ADDFLOOR	choice	ARF A4: On what floor of the building is the address a main entrance? CODE ON	3											
adminh (UNKGARD	choice	ARF A5: Does the address have an unkempt garden?	2											
adminh (CARVANB	choice	ARF A6: Standing outside: can you observe any signs of a car or van belonging	2											
adminh (CHILDS	choice	ARF A7: Standing outside: can you observe any signs of children under 10 (inc	2											
adminh 1	VICINI1	multichoice	Boarded houses: abandoned buildings: demolished houses or demolished build	2											
adminh 1	VICINI2	multichoice	Trash: litter or junk in street/road	2											
adminh 1	VICINI3	multichoice	Heavy traffic on street/road	2											
adminh	VICINI96	multichoice	None of these	2											
adminh I	RESCOND	choice	ARF A9: Which of these best describes the condition of residential properties	2											
adminh I	HSFIT	choice	ARF A10: How is the external condition of the address relative to other resid	2											
adminh I	HHDONE	choice	Household questionnaire completed	2											
adminh i	HHINTLANG	choice	LANGUAGE HHOLD INTERVIEW CONDUCTED IN	2	(0) 'english'										

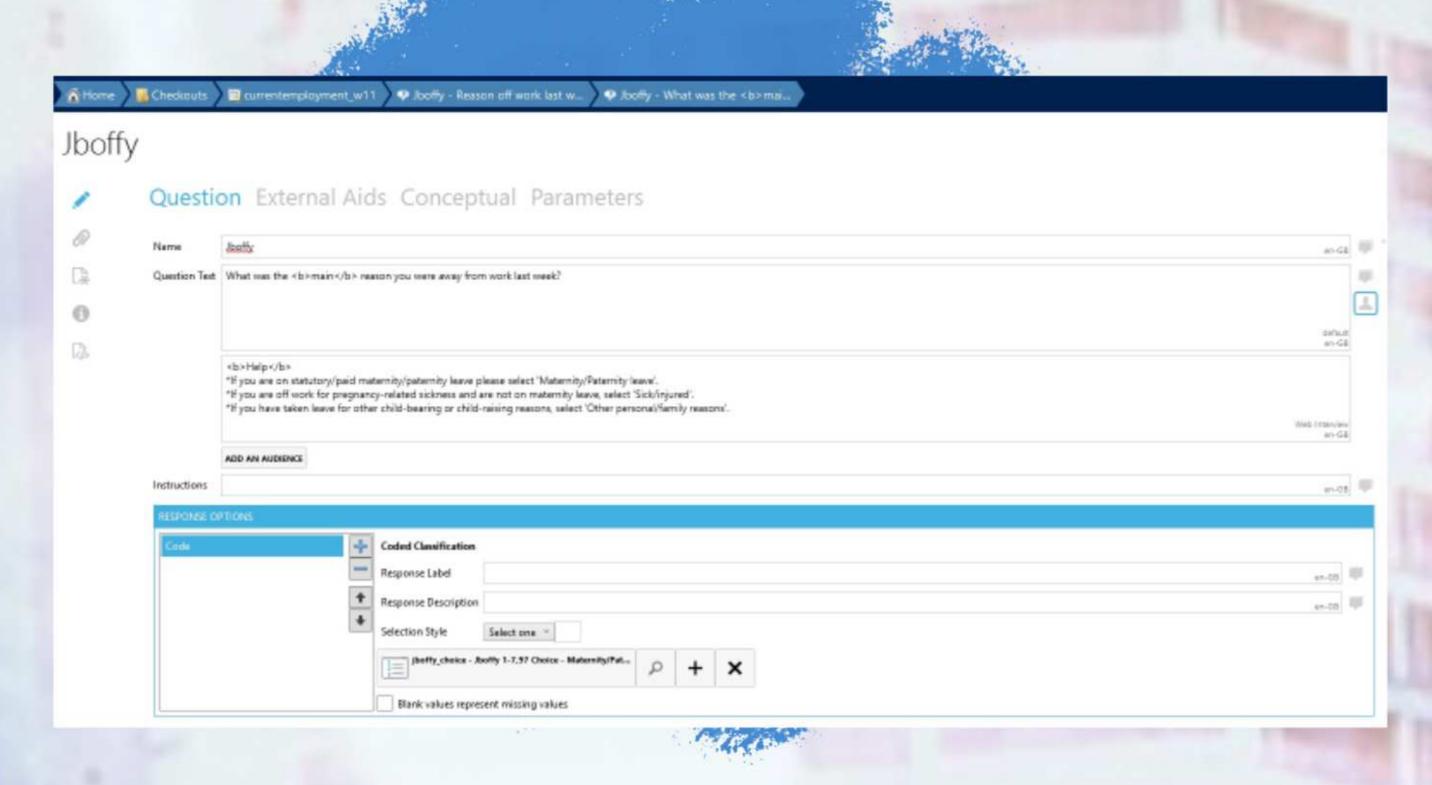


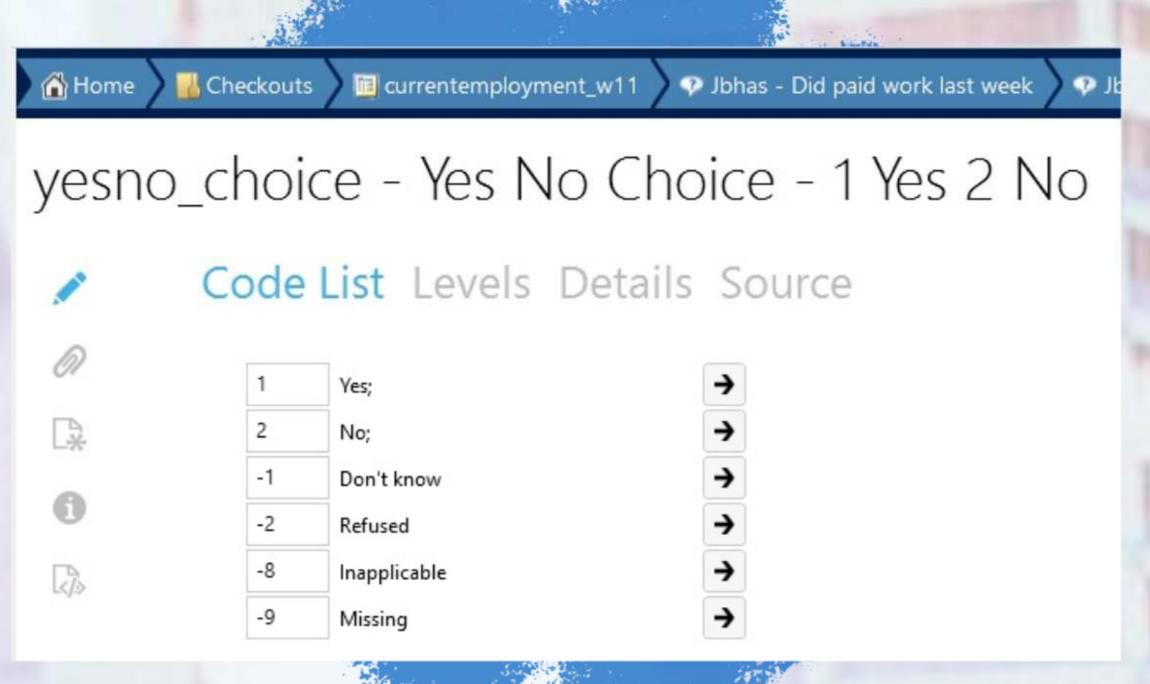


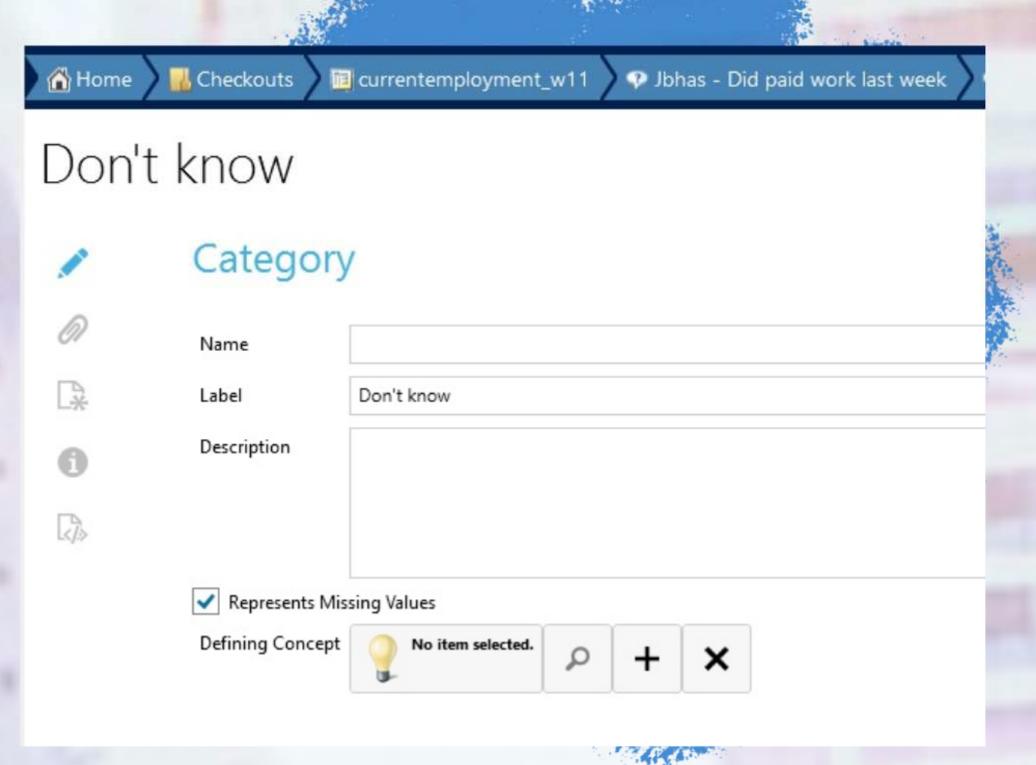


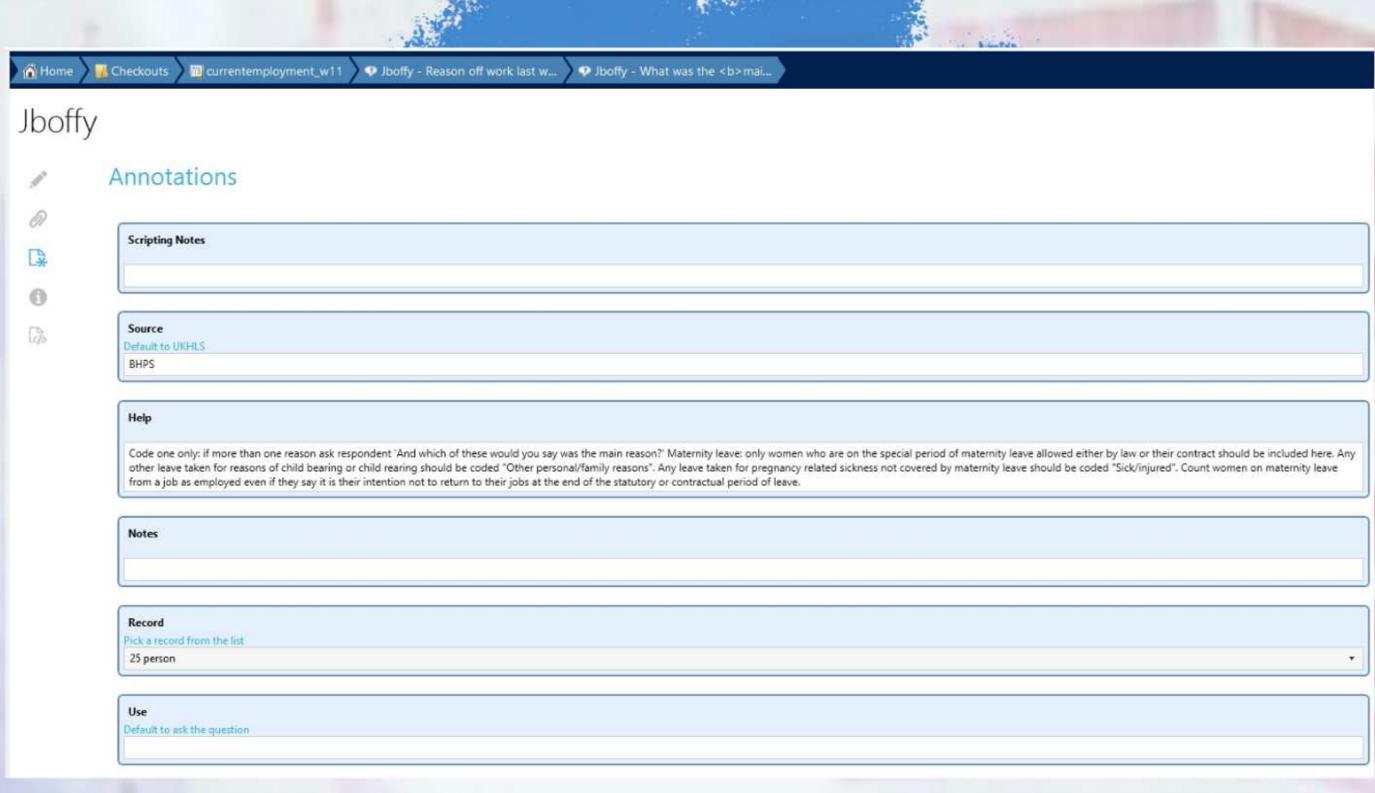


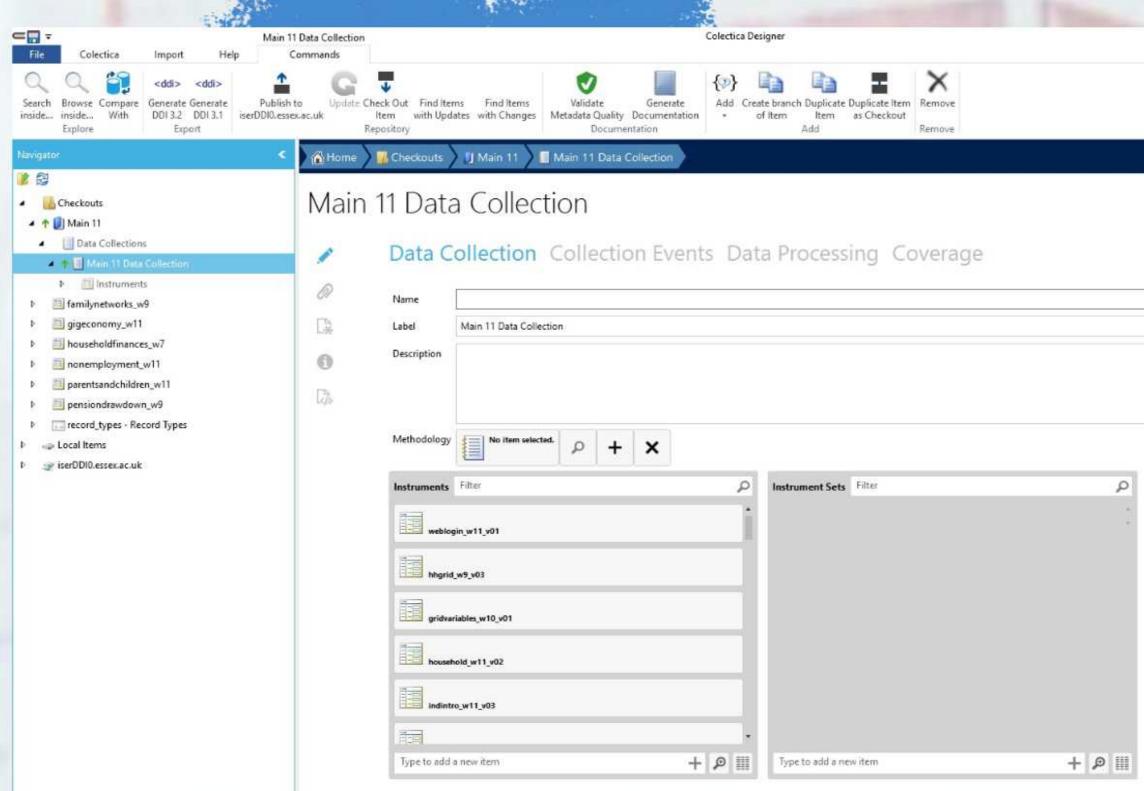




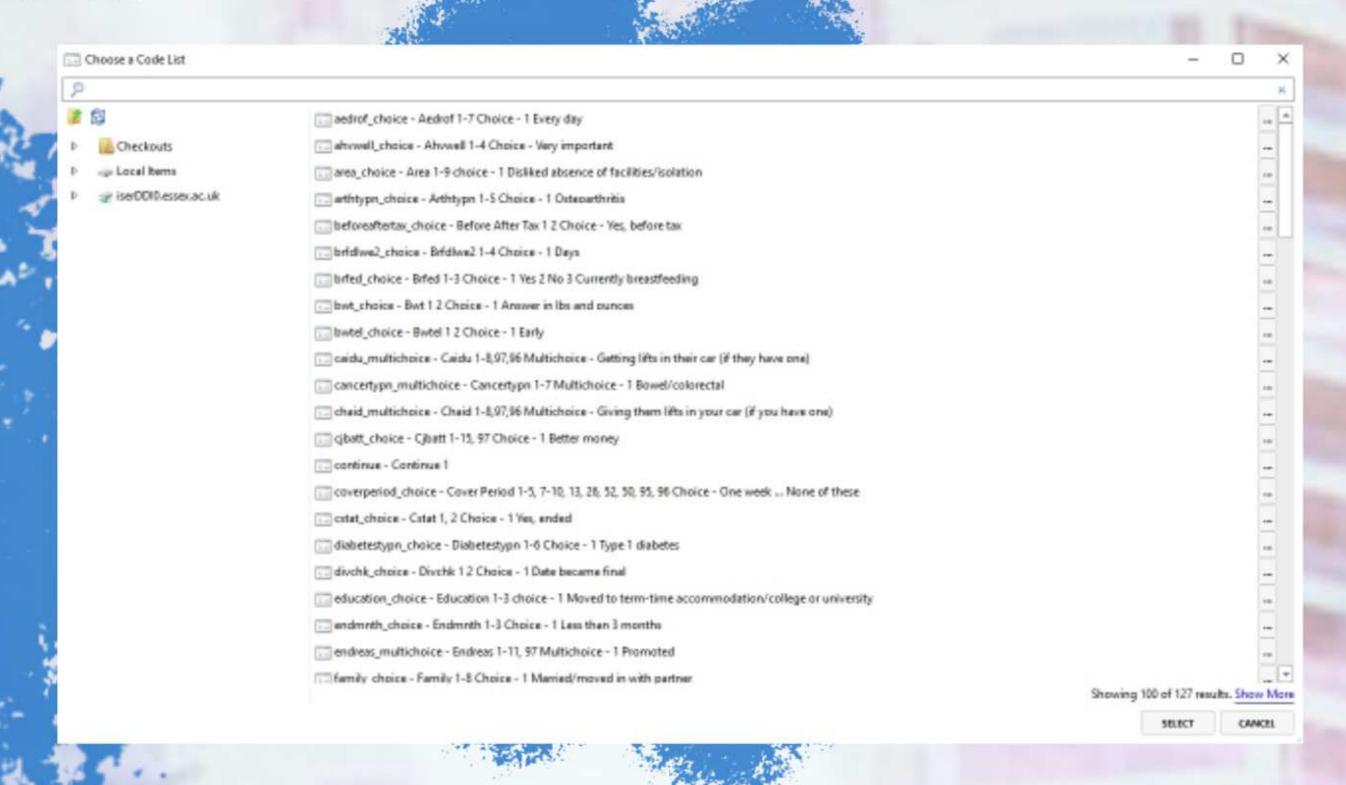




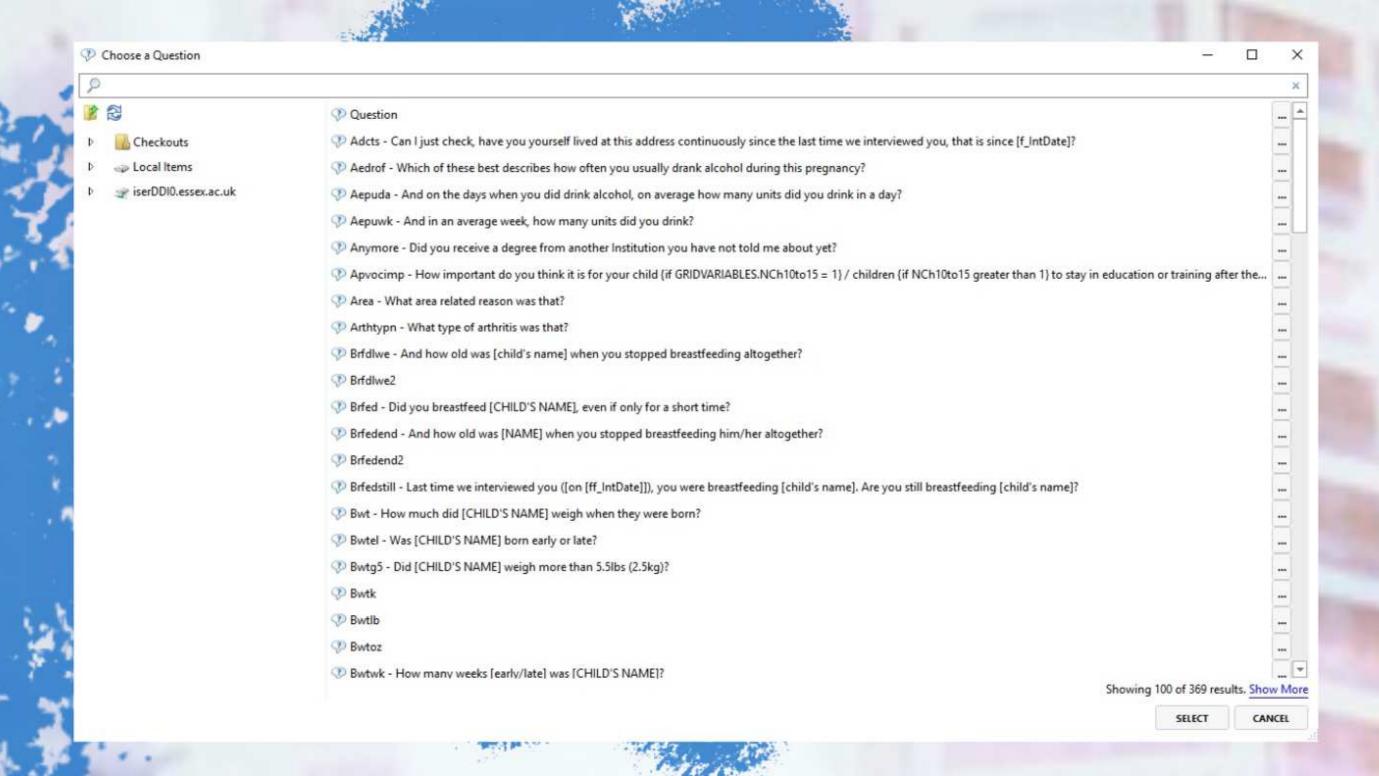


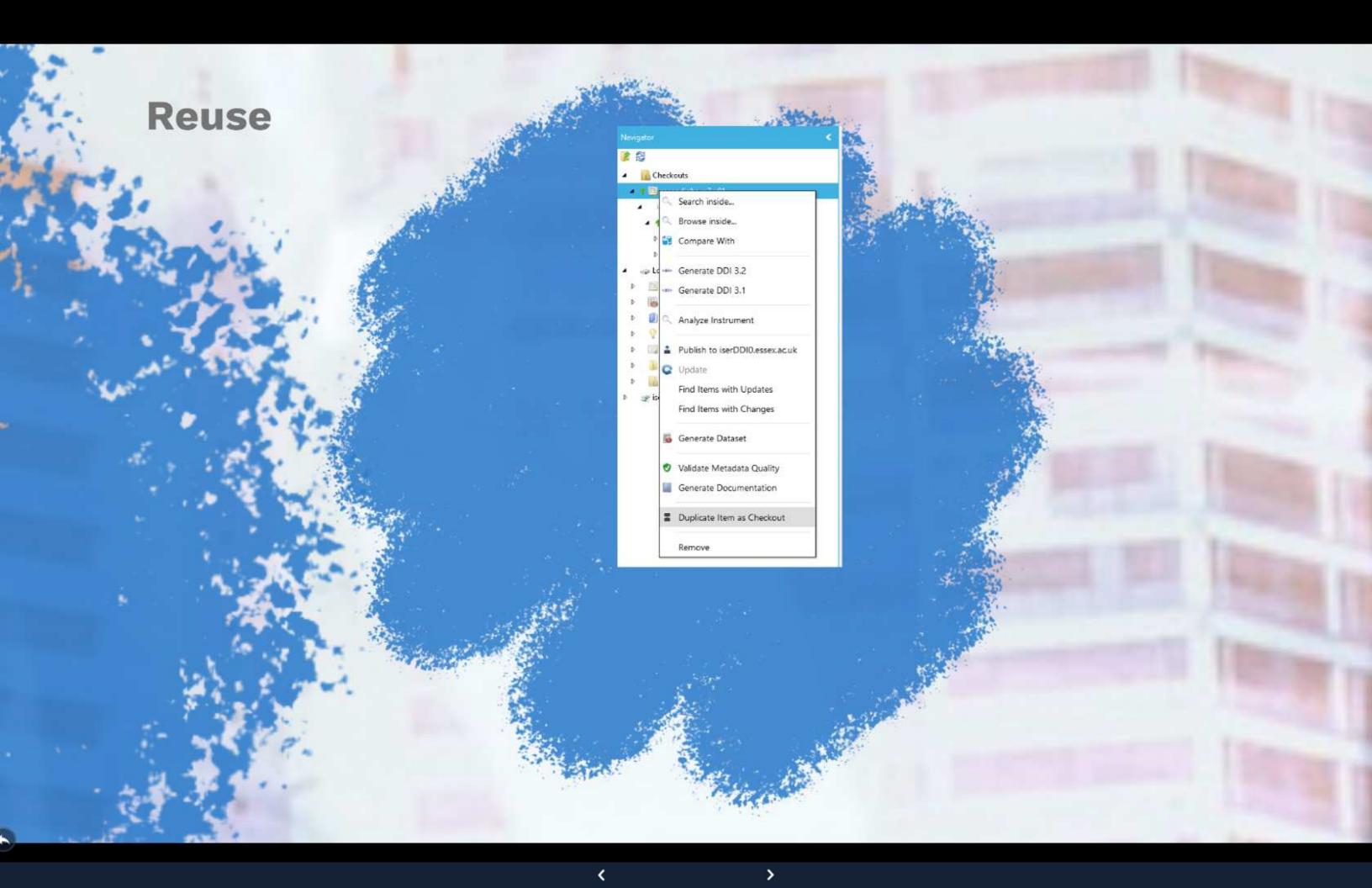


Reuse

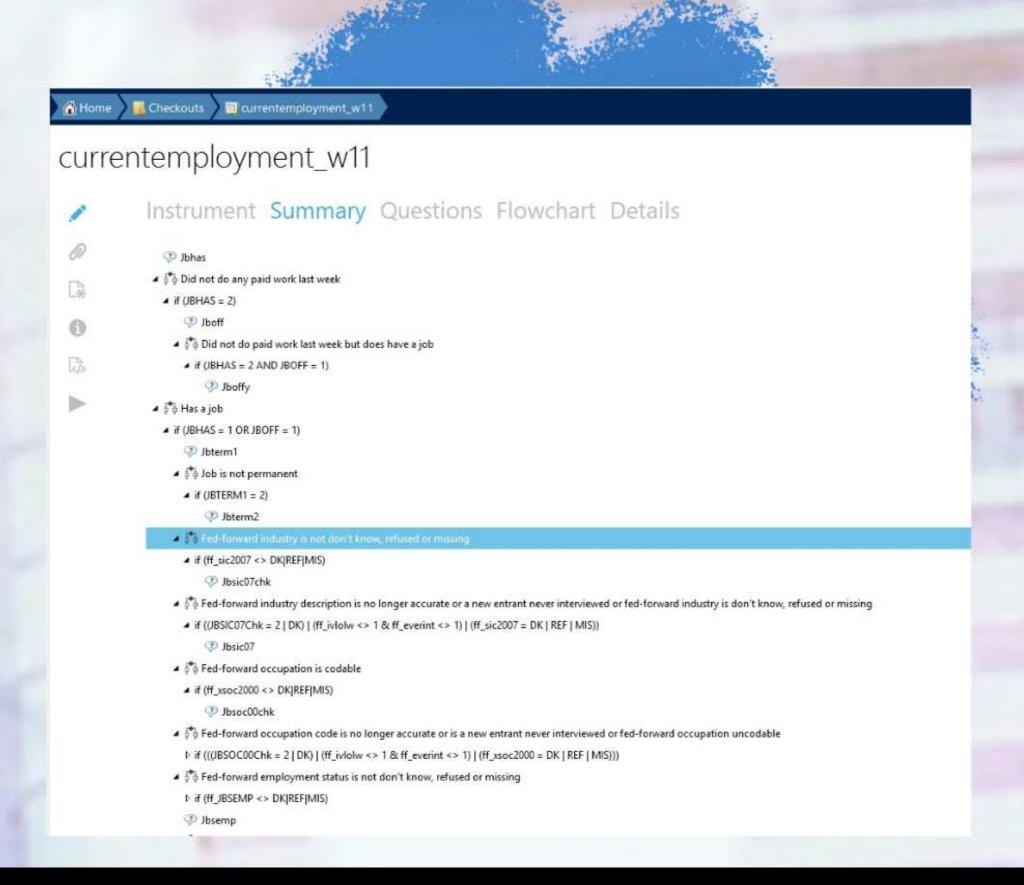


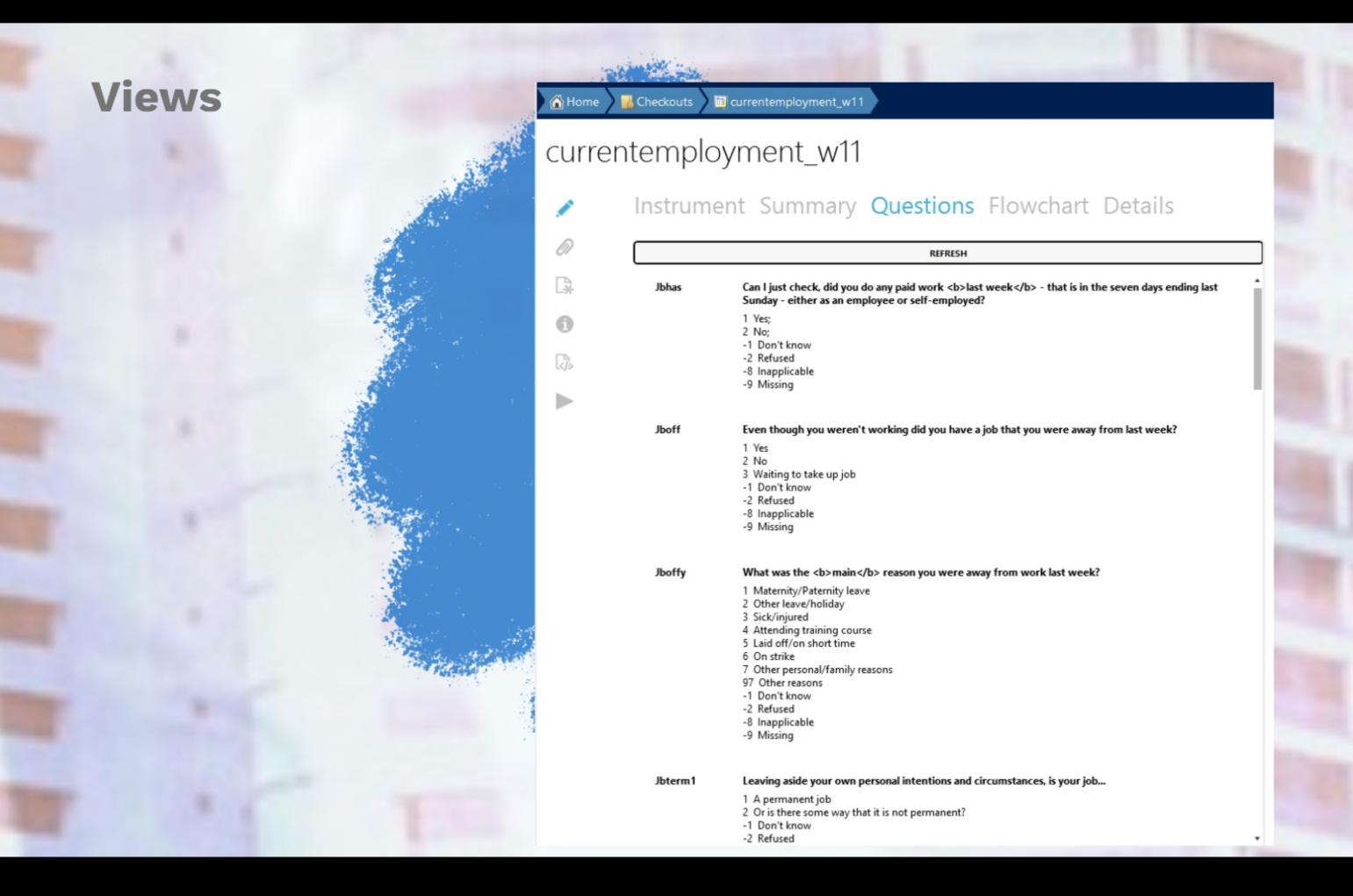
Reuse



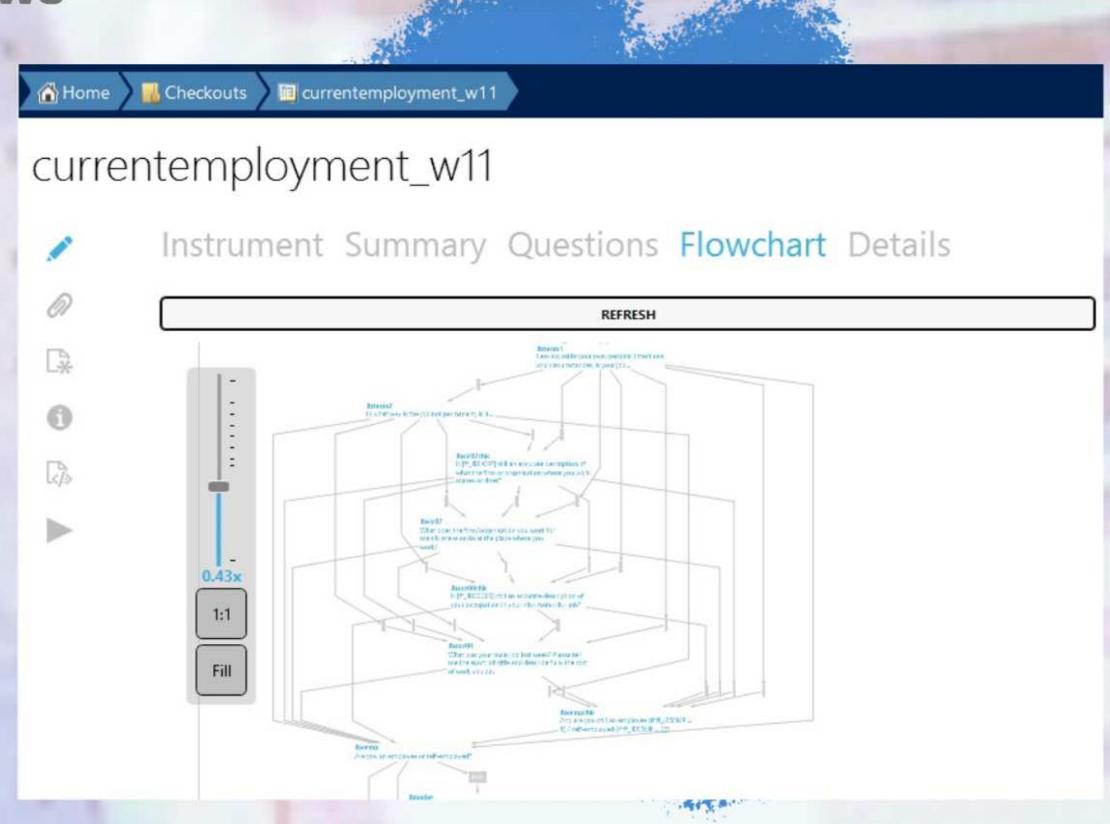


Views

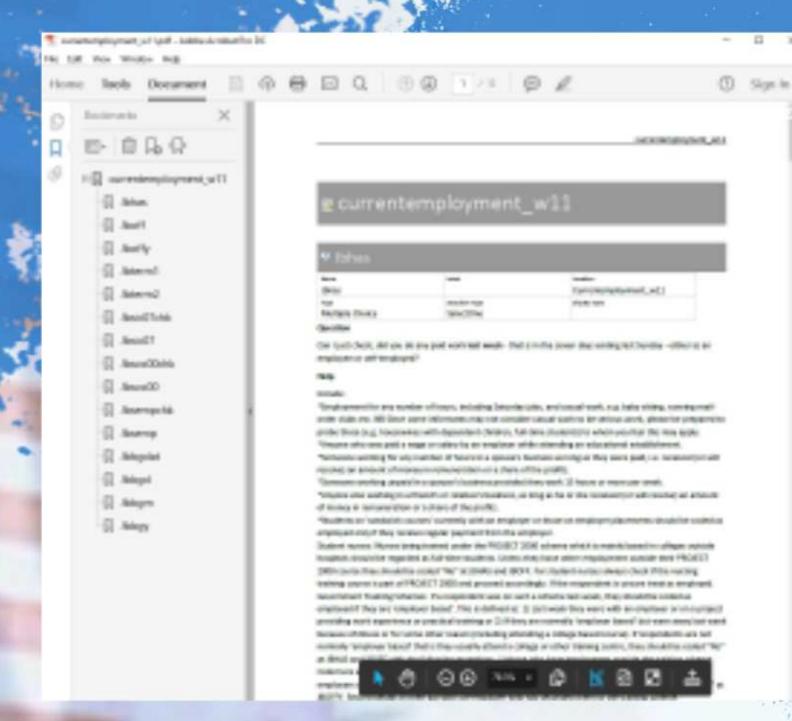




Views



Documentation



Module Currentemployment_w11. Current Employment module

1 (Tue May 22 14 09:15 2018) produced Mon Feb 4 15:54:49 2019

Ose Currentemployment wil

Currentemployment will Jbhas. Did paid work last week

Type	Don't Know	Refused	inapplicable	Missing
choice	-1	-9	-4	9

Version

Can I just check, did you do any paid work tast week - that is in the seven days ending last Sunday - ether as an employee or self-employed?

1	Yes	Yes
2	140	No

"Employment for any number of hours, including Saturday jobs, and casual work, e.g. baby sitting, numbing mail-order clubs etc. NB Since some informants may not consider casual work to be serious work, please be prepared to probe those (e.g. housewives with dependent children, full-time students) to whom you feel this may apply.
"Anyone who was paid a wage or satary by an employer while attending an educational establishment.

"Someone working for any number of hours in a spouses's business as long as they were paid, i.e. received (or will receive) an amount of money in remuneration or a share of the profits.
"Someone working turpard in a spouse's business provided they work 15 hours or more per week.
"Anyone else working in a friend's or relative's business, as long as he or she received (or will receive) an amount of money in remuneration or a share of the profits.

Students on 'sandwich courses' currently with an employer or those on employer placements should be coded as employed only if they receive regular payment from the employer.

Chadent nurses: Nurses being trained under the PROJECT 2000 scheme which is mainly based in colleges outside hospitals should be regarded as full-time shadents. Unless they have other employment outside their PROJECT 2000 course they should be coded "No" at JBHAS and JBOFF. For student nurses always check if the nursing training course is part of PROJECT 2000 and proceed accordingly. If the respondent is unsure treat

Government Training Schemes: If a respondent was on such a scheme last week, they should be coded as employed if they are 'employer based'. This is defined as: 1) Last week they were with an employer or on a project provising work experience or practical training or 2) if they are normally 'employer based' but were away last week because of timess or for some other reason (including attending a college based course). If respondents are not normally 'employer based' that is they usually attend a college or other training centre, they should be coded 'No' at JBHAS and JBOFF with the following exceptions: 1) those who have employment outside the training scheme. Code here as employed and take details of this secondary employers. It has secondary employers who continue to pay their wages or salaries. Treat as employed and code "Attending training course" at JEO FFY. Record details of their job with the employer who has seconded them to the training scheme.

Can we just check, did you do any paid work last week - that is in the seven days ending last Sunday - either as an employee or self-employed? Include employment for any number of hours, including casual work and

"You were paid a wage or salary by an employer while attending an educational establishment.

"You worked some paid hours in your spouse's business i.e. received (or will receive) an amount of money in remuneration or a share of the profits.
"You worked unpaid in your spouse's business provided you work 15 hours or more per week.
"You worked in a friend's or relative's business, as long as you received (or will receive) an amount of money in remuneration or a share of the profits.

"You are a student on a "sandwich course" currently with an employer, as long as you receive regular payment from your employer "You were on an 'employer based' Government Training Schem

Ask JIHAS

Vodule Currentemployment, w11. Current Employment module

If (JBHAS = 2) // Did not do any paid work last week

Currentemployment w11 Jboff. No work last week but has paid job

Type	Don't Know	Refused	inapplicable	Missing
choice	-4	-2	-8	4

Documentation

Jboffy

sme	Label	Location
poffy		Currentemployment_w11
pe	Selection Type	Display Style
Aultiple Choice	SelectOne	

e de la constante

(JBHAS = 2 AND JBOFF = 1)

(JBHAS = 2)

estion

hat was the main reason you were away from work last week?

p

de one only: if more than one reason ask respondent 'And which of these would you say was the main reason?' aternity leave: only women who are on the special period of maternity leave allowed either by law or their intract should be included here. Any other leave taken for reasons of child bearing or child rearing should be ded "Other personal/family reasons". Any leave taken for pregnancy related sickness not covered by maternity ave should be coded "Sick/injured". Count women on maternity leave from a job as employed even if they say it their intention not to return to their jobs at the end of the statutory or contractual period of leave.

cord

person

urce

DC

nices

Maternity/Paternity leave
Other leave/holiday
Sick/injured
Attending training course
Laid off/on short time

If (JBHAS = 2) // Did not do any paid work last week

Currentemployment_w11. Jboff. No work last week but has paid job

7/9+	Don't Knew	Returned	Inapplicable	Minning	
choice	-1	-2	-4	-0	

Source

Wersion

1.0

Even though you weren't working did you have a job that you were away from last week?

Options

. 1	Ties	Yes
2	Ne	No
3	Waiting to take up job	Wating to take up job

lelp:

Include any persons who were absent because of holiday, strike, sickness, maternity leave, lay-off, or a similar reason, provided they have a job to return to with the same employer. Do not include those receiving, redundancy payments who have no job to return to. Do not include people who have a job amanged but have not yet started work in it, such people should be coded "Walting to take up job" at JEOFF. A job exists if there is definite arrangement for work on a regular basis (i.e. every week or every work) whether this work is full-time or part-time.

Mixed Mode Alternatives

Web Interview

Help

- "A job exists if there is a definite arrangement for work on a regular basis (i.e. every week or every month) whether this work is full-time or part-time.
- "Answer you if you were absent due to holiday, strike, sickness, maternity leave, lay-off or a similar reason, provided you have a job to return to with the same employer.
- "Answer no if you are receiving redundancy payments and have no job to return to.

Use

Ask discer-

Modules

Module Currenterriployment_w11. Current Employment module

Univers

I.E. 1788955 = 21 // Did not do any paid work last week

If (JBHAS = 2 AND JBOFF = 1) // Did not do paid work last week but does have a job



Documentation

Development Note RECORD START 824 person

END LOOP

Heconsent_w11.Heukqual. Has a UK higher education qualification - computed

Loop until [ANYMORE = 2 (up to 4 loops)] // For each Higher Education Institution where Respondent received a degree

Heconsent_w11.Heinst. Higher education degree institution code

Heconsent_w11.Heiname. Higher education degree institution name

Heconsent_w11.Instok. Higher education institution details correct

Heconsent_w11.Anymore. Other Higher education institution

END LOOP

Heconsent_w11.Hefinish95. Finished higher education in or after 1995 - computed

Heconsent_w11.Hesacons. HESA consent

Heconsent_w11.Hesaeadd. Email address used link to educational (HESA) records

Heconsent_w11.Hesaesent. Email reminder sent of agreement for consent link to educational (HESA) records

Heconsent_w11.Heemailsend. Text for email confirming consent

Currentemployment_w11.Jbhas. Did paid work last week

Currentemployment_w11.Jboff. No work last week but has paid job

Currentemployment_w11.Jboffy. Reason off work last week

Currentemployment_w11.Jbterm1. Current job: permanent or temporary

Currentemployment_w11.Jbterm2. Type of non-permanent job

Currentemployment_w11.Jbsic07chk. Industry (SIC07) of employer check

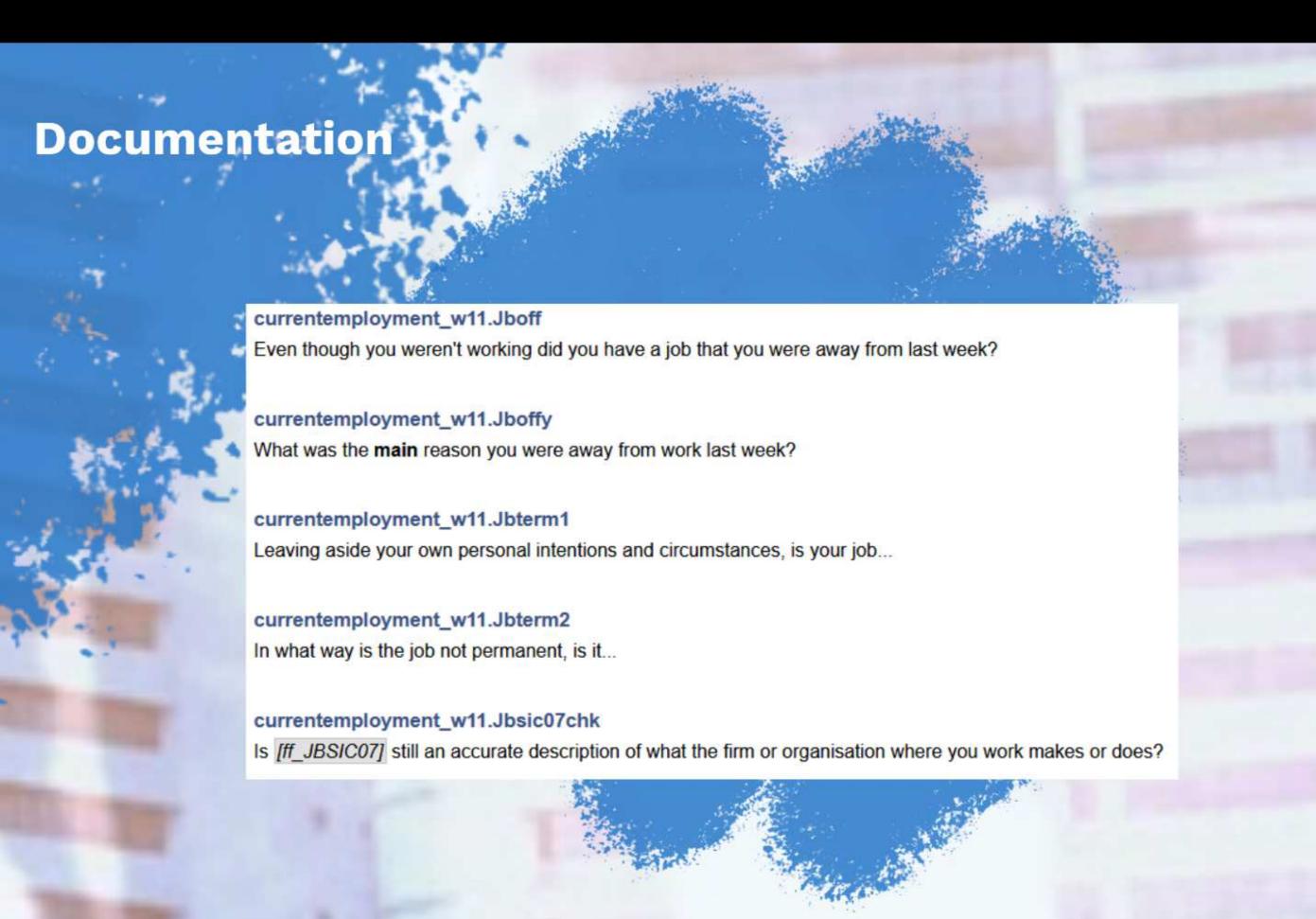
Currentemployment_w11.Jbsic07. Industry (SIC07) of employer: current job

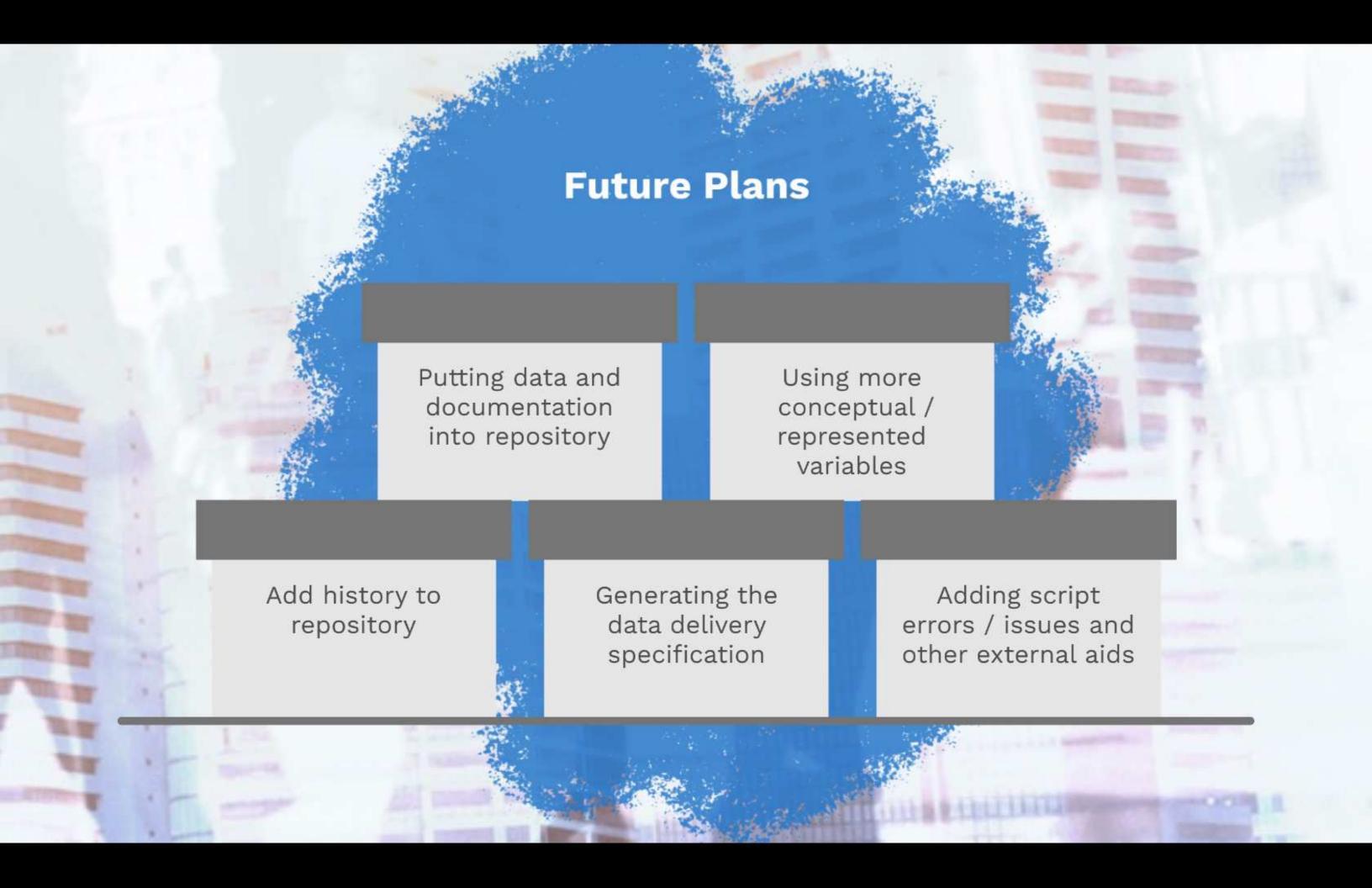
Currentemployment_w11.Jbsoc00chk. Occupation (SOC2000) check

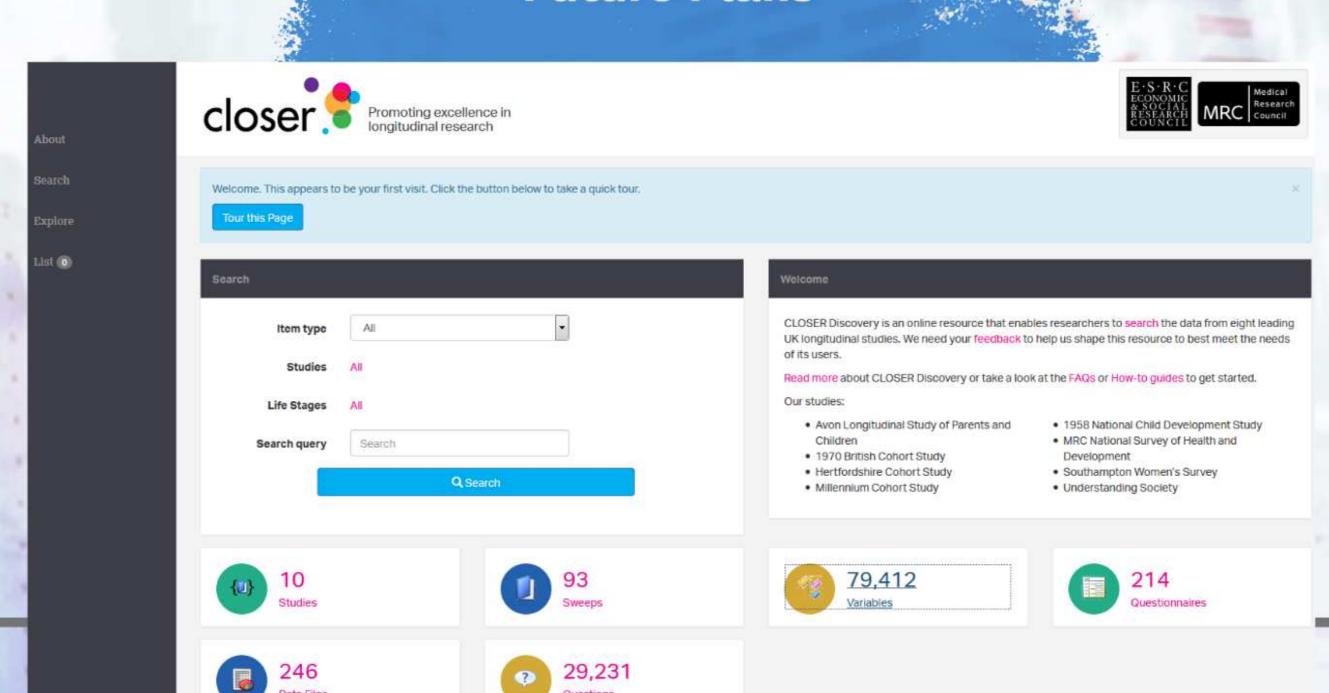
Currentemployment_w11.Jbsoc00. Occupation (SOC2000): current job

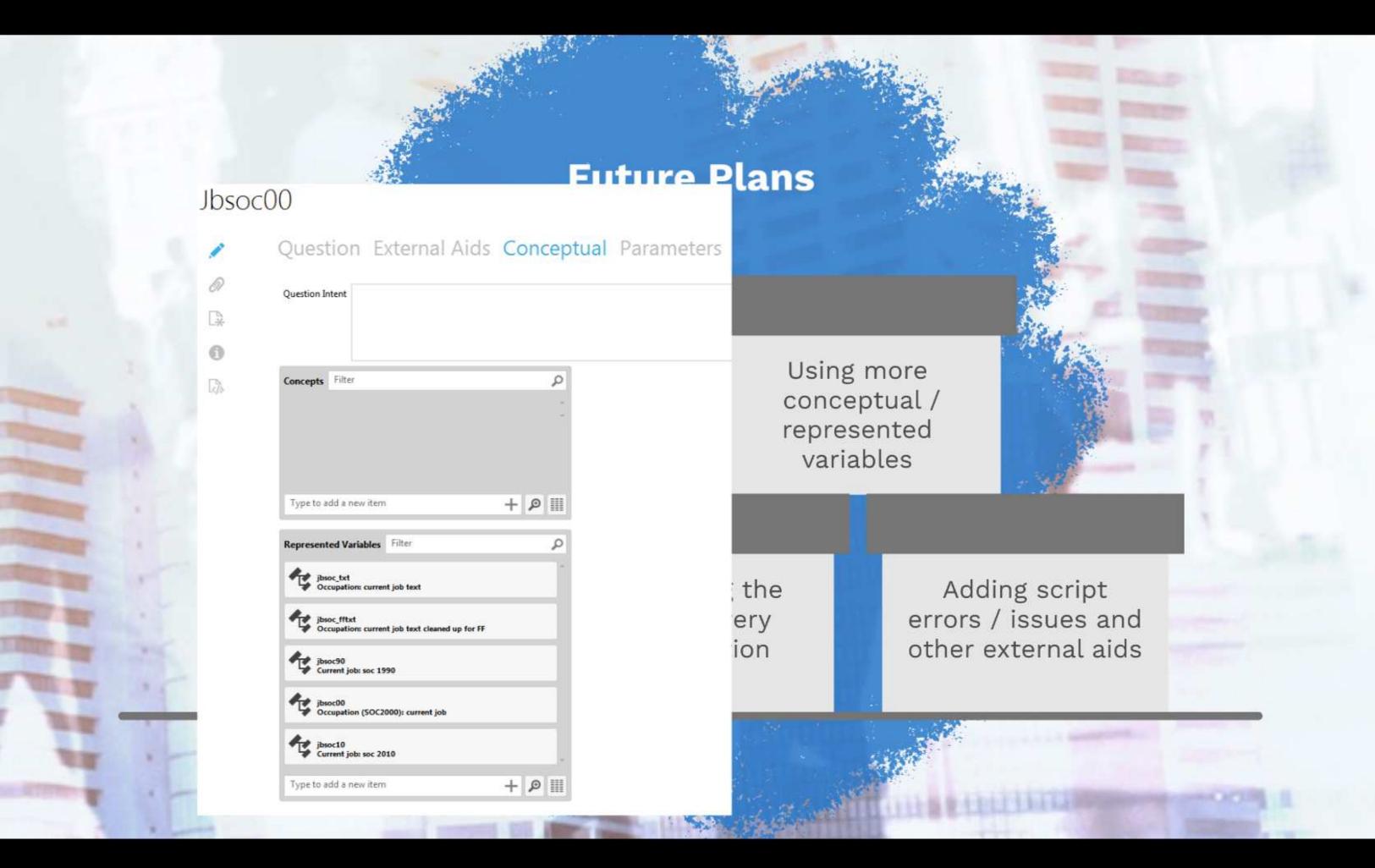
Currentemployment_w11.Jbsempchk. Employed or self-employed check

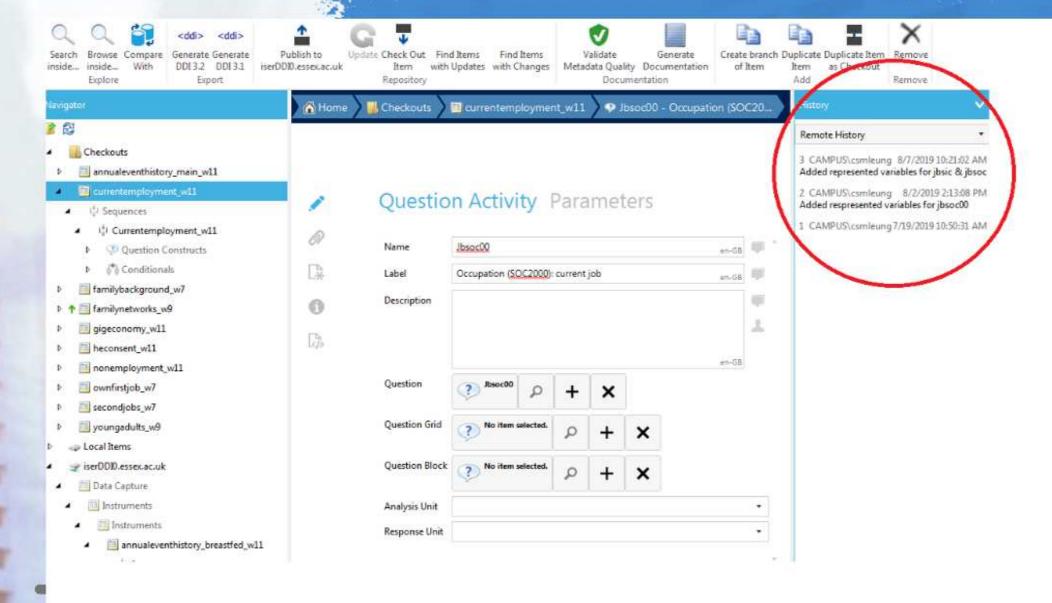
Currentemployment_w11.Jbsemp. Employed or self-employed: current job

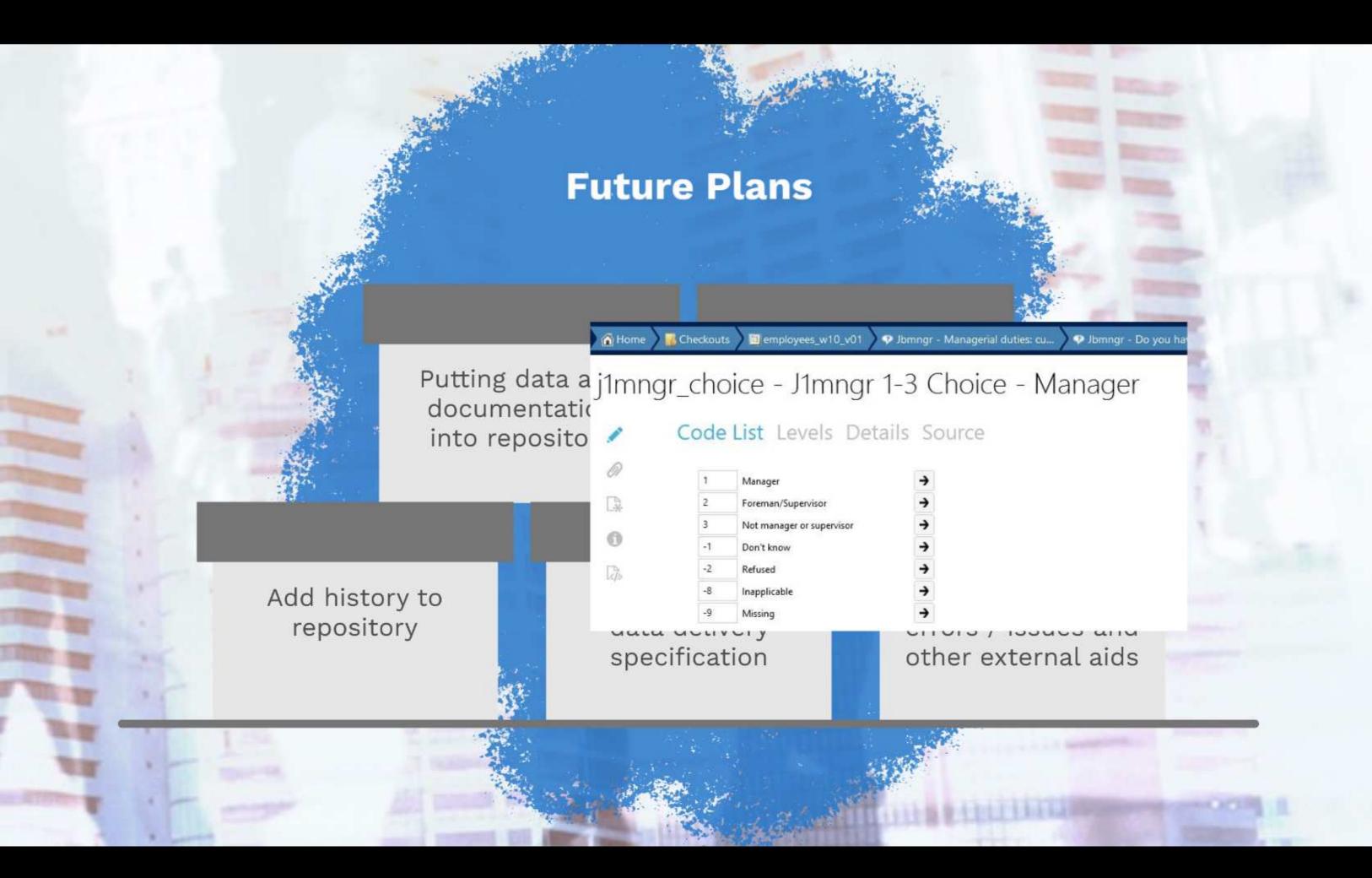












al A	E E	F	G	Н	- 10	ï	K	T.	M	N	0	P	Q	R
1 Records	Referential constraints	Multiplicity					1.00							
addresses	ADMINH record exists where ADMINH.HID = ADDRESSES.HID	11												
adminh	hid in set of new wave hids (ff_newhid) in ff_hholds record, or a hid for a split-off (max 9) derived from the fed forward hid	11												
adminp 4	HHGRID exists where HHGRID.HID = ADMINP.HID and HHGRID.PNO = ADMINP.PNO	1.,1												
attack	Person exists where ATTACK.HID = PERSON.HID and ATTACK.PNO = PERSON.PNO (Person record exists) and PERSON.ATTACKED[111,97] = 1 (Any of Attacked[111,97] coded)	112												
avoid	Person exists where AVOID.HID = PERSON.HID and AVOID.PNO = PERSON.PNO (Person record exists) and PERSON.AVOIDANCE[111,97] = 1 (Any of Avoidance[111,97] coded)	112												
benefit 7	Person exists where BENEFIT.HID = PERSON.HID and BENEFIT.PNO = PERSON.PNO (Person record exists) and (1 or more unearned income types)	1n (with up to 3 payments from each income source)												
breastfed 8	Person exists where BREASTFED.HID = PERSON.HID and BREASTFED.PNO = PERSON.PNO and ChildPno was breastfed at the last wave	116												
callrec	ADMINH exists where ADMINH.HID = CALLREC.HID	On (depending on number of issues and calls)												
chcare	Person exists where CHCARE.HID = PERSON.HID and CHCARE.PNO = PERSON.PNO (Person record exists) and PERSON.CCare = 1 and HHGrid exists where HHGRID.HID = CHCARE.HID and HHGRID.PNO = CHCARE.ChildPNo and HHGRID.DVAGE <= 14 and HHGRID.AdResp15 = CHCARE.PNO	115												
chdev	Person exists where CHDEV.HID = PERSON.HID and CHDEV.PNO = PERSON.PNO (Person record exists)	1no of children aged 3, 5 or 8												
chmain 12	Person exists where CHMAIN.HID = PERSON.HID and CHMAIN.PNO = PERSON.PNO (Person record exists) and PERSON.N1619Abs > 0 & (HHGrid.PNO = HHGRID.HGBioAd1 & HHGRID.HGBioAd2 = 0)	1no of different children with absent parents												
cohab_annu	Person exists where COHAB.HID = PERSON.HID and COHAB.PNO = PERSON.PNO and PERSON.CohabN > 0	1PERSON.CohabN												
contact 4	Person exists where CONTACT.HID = PERSON.HID and CONTACT.PNO = PERSON.PNO (Person record exists)	11												
cschool 5	Person exists where CSCHOOL.HID = PERSON.HID and CSCHOOL.PNO = PERSON.PNO (Person record exists) and HHGrid exists where HHGRID.HID = CSCHOOL.HID and HHGRID.PNO = CSCHOOL.ChildPNo and HHGRID.DVAGE > 3 and HHGRID.DVAGE < 16 and PERSON.AdResp15 = CSCHOOL.PNO	115												
egoalt 6	HHGRID exists where EGOALT.HID = HHGRID.HID and EGOALT.EPNO = HHGRID.PNO and HHGRID exists where EGOALT.HID = HHGRID.HID and EGOALT.APNO = HHGRID.PNO	1n*(n-1) where n = HHOLD.HHSIZE												
emphist	Person exists where EMPHIST.HID = PERSON.HID and EMPHIST.PNO = PERSON.PNO (Person record exists) and (PERSON.ff_iviolw = 1) (Interviewed at a prior wave)	1*												
fteduc 8	Person exists where FTEDUC.HID = PERSON.HID and FTEDUC.PNO = PERSON.PNO and PERSON.FTEdAny = 1	1*												
health	Person exists where HEALTH.HID = PERSON.HID and HEALTH.PNO = PERSON.PNO and PERSON.HCondNCode in [124,26-31,33-35,37-42]	124,26-31,33-35,37-42												
hharid	HHOLD exists where HHOLD HID-HROSID HID	1 HHOLD HHSI76												

A A	В	C	D	E	F	G	
1 Record	Type person						
Label	Individual Interview						
Descrip	ption Data from the individual interview	/					
Identif	fiers hid, pno						
Refere	ntial o ADMINP exists where PERSON.HII	= ADMINP.HID and PE	RSON.PNO	= ADMINP.PNO and ADMINP.IOUT in [11, 21]			
Multip	licity 11						
- 3	Ž.						
Conter	nts						
Record	ACCOMPANY D	Var Ty	ype	Description	Column Width	Decimals	The same
person	demographics_w10	The state of the s	noice	Has a mobile computing device	2		No.
person			noice	Frequency of using the internet	2		
person		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	noice	Access to mobile technology: Desktop computer	2		10
person	The second secon		noice	Access to mobile technology: Laptop	2		786
person			noice	Access to mobile technology: Smartphone	2		Sept.
person		The state of the s	noice	Access to mobile technology: Tablet	2		The
person			noice	Access to mobile technology: Feature phone / non-touchscreen mobile phone	2		Ser.
person			noice	Access to mobile technology: E-book reader	2	1	
person			noice	Access to mobile technology: Smartwatch	2	i i	1 23
person			noice	Access to mobile technology: Other	2		
person			ring	Access to mobile technology via other devices	255		1
person			noice	Frequency of using the internet: Browsing websites	2		
person			noice	Frequency of using the internet: Email	2		8 8
person			noice	Frequency of using the internet: Looking at Social Media	2		1.5
person	The state of the s		noice	Frequency of using the internet: Posting on Social Media	2		
, person			noice	Frequency of using the internet: Online buying	2		
person			noice	Frequency of using the internet: Online banking	2		
person			noice	Frequency of using the internet: Gaming	2		L
person			noice	Frequency of using the internet: Streaming	2		1
person			noice	Born in UK	2		- 14
person			noice	Country of birth	2		
person			ring	Other country of birth	50		
person		The state of the s	umber	UK county of birth	3		
person			ring	Uncoded UK county of birth	50		
person		No.	umber	Year came to Britain	4		
person		1.55	ultichoice	UK citizen	2		SC
person			ultichoice	Citizen of country of birth	2		0
person			ultichoice	Citizen of other country	2		su
person		The state of the s	ring	Citizenship of other country 1	50		
person			ring	Citizenship of other country 2	50	1	rn
person			noice	Highest qualification gained in UK	2	1	, 1 1
person			noice	Highest qualification gained outside UK	2		
person	initiationalions will	4mgnoth t	WIVE .	Tilghest qualification games outside on			

script sues and ernal aids

Understanding Society W8
Showcards

SHOWCARD 1A

- Single and never married or never in a legally recognised Civil Partnership
- 2. Married
- Add hist repos
- A Civil Partner in a legally recognised Civil Partnership
- 4. Separated but legally married
- 5. Divorced
- 6. Widowed

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Adding script errors / issues and other external aids

Understanding Society W8 Showcards

SHOWCARD 1B

	Se	
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v.	00	

1. Husband / Wife

2. Partner / Cohabitee

3. Civil Partner

4. Natural son / daughter

5. Adopted son / daughter

6. Foster child

7. Stepson / stepdaughter

8. Son-in-law / daughter-in-

law

9. Natural parent

10. Adoptive parent

11. Foster parent

12. Step-parent

13. Parent-in-law

14. Natural brother / sister

15. Half-brother / sister

16. Step-brother / sister

17. Adopted brother / sister

18. Foster brother / sister

19. Brother / Sister-in-law

20. Grand-child

21. Grand-parent

22. Cousin

23. Aunt / Uncle

24. Niece / Nephew

25. Other relative

26. Employee

27. Employer

28. Lodger / Boarder / Tenant

29. Landlord / Landlady

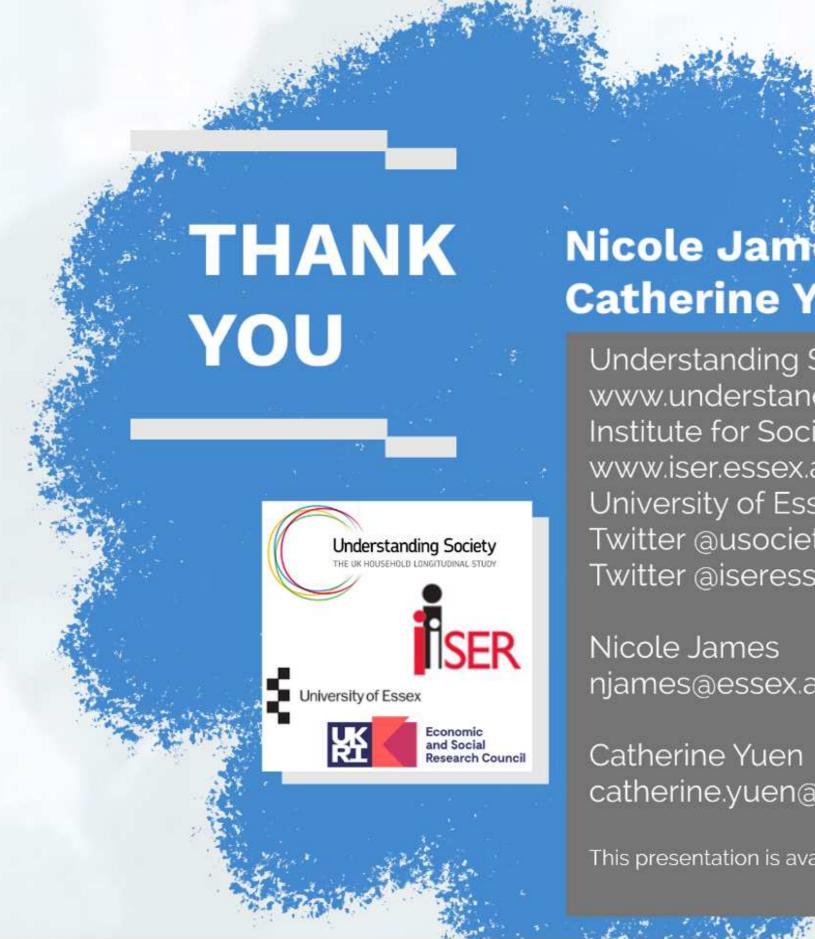
30. Other non-relative

Future Plans

a and ation itory Using more conceptual / represented variables

Generating the data delivery specification

Adding script errors / issues and other external aids



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