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Pre-Workshop Exercise

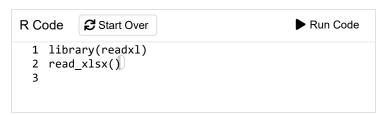
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This is the cmv dataset you will load:

	ag l×dbl>	pric	or.rac	diatio dbl		aK				_	_ne	egati
1	61				0		1	1	rec	ipie	nt_	posit
2	62				1	;	5	0	rec	ipie	nt_	nega
3	63				0	;	3	0	NA			
4	33				1	2	2	0	rec	ipie	nt_	posit
5	54				0	(6	0	NA			
6	55				0		2	1	NA			
7	67				0		1	0	NA			
8	51				0	2	2	0	NA			
9	44				1		2	1	NA			
10	59				0	4	4	0	rec	ipie	nt_	nega
1-1	. Previo	us '	1 2	2 3	}	4	5		6	7	N	ext

- 1. Use the readxl library to load the data/cmv.xlsx into a variable, cmv
- 2. Filter the \mbox{cmv} dataset such that only age > 65 are remaining. Save this to a variable, \mbox{cmv} subset .
- 3. Save the cmv_subset variable to a csv file in "data/cmv_subset.csv".



4. Tidy the \mbox{cmv} dataset such that it looks like the \mbox{clean} dataset below. Save the tidy dataset into a varialbe, $\mbox{cmv_tidy}$.

ID ag ⊢ <dbl×dbl></dbl×dbl>	-		cm donor_status <dbl≭chr></dbl≭chr>
1 61	0	1	1 donor_negativ
2 62	1	5	0 donor_negative

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	ag ⊦ l×dbl>	pri	ior.ra			aK. <db< th=""><th></th><th></th><th></th><th></th><th>_status</th></db<>					_status
3	63				0		3	0	do	nor_	_positive
4	33				1		2	0	do	nor_	_negativ
5	54				0		6	0	do	nor_	_positive
6	55				0		2	1	do	nor_	_positive
7	67				0		1	0	do	nor_	_positive
8	51				0		2	0	do	nor_	_positive
9	44				1		2	1	do	nor_	_positive
10	59				0		4	0	do	nor_	_negativ
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5. In the ${\tt cmv_tidy}$ dataset, calculate the average age for each value of ${\tt cmv}$.



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