	(S 6850) Assignment 516							
	$\frac{1}{2}$							
	{-15, -1, 1, 2, 3, 7, 7, 8, 25}							
	$Q_1 = \frac{- f }{2} = 0$ $Q_2 = \frac{718}{2} = 7.5$							
	I OR = Q3-Q1 = 7.5-0 = 7.5							
	[0-(1.5.7.5), 7.5+(1.5.7.5)] = [-11.25, 18.75]							
	-15 -12 -9 -6 -3 0 3 6 9 12 15 18 21 24 27							
	b) the whiskers are much shorter when plotted with seaborn boxplot in python							
	Sea our Soxplot in py their							
	30 K=4 0)							
	tolken Free							
	#covid 19 1 # covid 19 1 # covid 19 2 # covid 19 3							
	# covid 1 = # covid 1 # # covid 1							
	# cond 19 3 # Carid 19 2 # Covid 19 2 # Covid 19 1							
	# cov. d 1 - A # Spiny Brak 1 - A # Spiny Brak 1 - A # The Batman 1							
	H Coronavira 1 HUSU 1							
	# covid 19   # covid 19     # Covid 19   1   # The Ratman 3   # The Ratman 3							
	# The Betran 3 # 1 he Betran 3   # Data Abrahas 1							
(Me	L. T.							

4	(w)	d=number of items = 7
		Brud, Coffee, Sugar, Mlk, Butter, cookies, eggs 3

rules = 3 -2 +1 = 37-28+1 = 1,932 possible rules

					-
	6)				
	item set	Support -A	Frey itemset	Support	
	Bread	7/10	Bread	0.7	
	whee	4/10	coffee	0.4	
	Suger	<sup>3</sup> /10	milk	0.7	
	milk	7/10	butter	0.4	
	better	4/10	Bread milk	0.4	
	1001:25	2/10	Bread buffer	0.4	
	eggs	3/10			
	Bread whee	410			
_	Bread mik	4/10			
	bread buffer	4/10			
_	mk tollee	3/10			
	milk botter	2/10			
-	0 1 1)	1 11. 710			

possible rule cont conf. Suga () possible rule SUPP milk + bread butter 2/10 1/10 -Brend - coffee 4/7 buffer + bread 4/4 4/10 4/10 Brend - milk totter - Lifee 4/7 0/10 bread - butter 4110 240 butter + mtk Loffee + Bread 110 better + breed in the 2/10 3/10 40Her = milk Bread milk & coffee coffee + boller 0/10 0110 Bread milk + better coffee + breed mit 0/10-Brend butter + effec coffee bread butter 9/10 Bread butter - wilk 417 4110 milk to bread mile + talee 3110 i) Lont on next page mik + bitter 210

		for	SUPP > 40%	Conf 2 90%
90	Final rules	er ann i maithean airm Agus ionn	Support	confidence
1	Bread - milk		40%	57.1%
	Brend + butter		40%	57,1%
	milk - bread		40%	57.1%
	buffer + bread		40%	100%