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Assignment #4

Q3: Given the transactions in the table, determine if the frequent itemset {A, B} is closed frequent itemset or not

Support {A,B} = 3\4=75%

{A,B,C}, {A,B,D} , {A,B,C,D}

superset	support
{A,B,C}	2\4=50%
{A,B,D}	1\4=25%
{A,B,C,D}	0\4=0%

the support of S({A,B})= 3/4=75%, it is clear that all supersets have different support Then frequent itemset({A,B} is closed