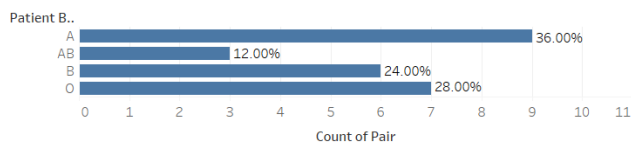
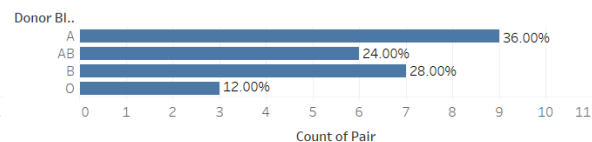


Number of Pairs
25

Patient Blood Type Distribution



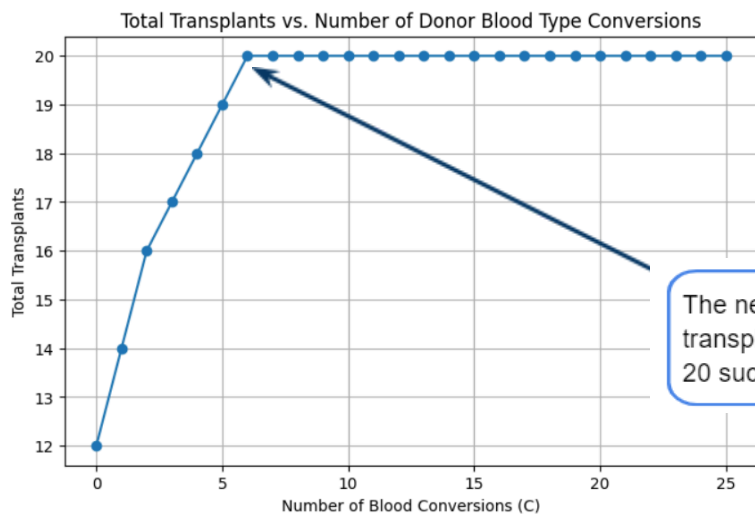
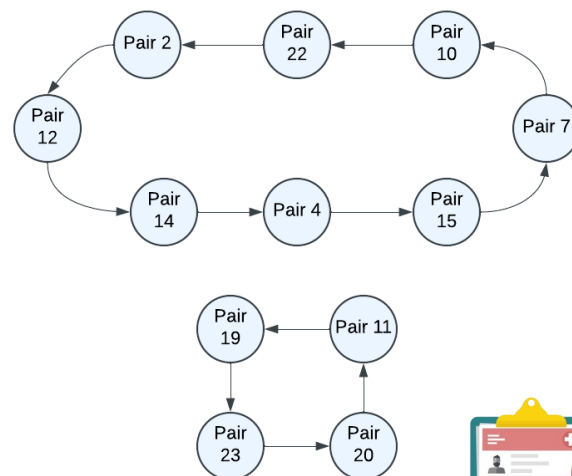
Donor Blood Type Distribution



#	Abc	#	Abc	#
KPD_pool.csv	KPD_pool.csv	KPD_pool.csv	KPD_pool.csv	KPD_pool.csv
Pair	Patient Blood Type	Patient Tissue Type	Donor Blood Type	Donor Tissue Type
9	A	3	B	2
10	A	1	B	2
11	O	1	O	4
12	B	2	A	2
13	B	1	AB	2
14	A	2	A	4
15	B	2	B	4
16	B	1	AB	3
17	AB	3	A	1
18	O	3	B	1
19	O	4	AB	3
20	O	3	O	1
21	A	1	B	5
22	B	2	A	4
23	AB	3	O	3
24	O	4	A	2
25	O	5	A	1

Donor's BT	A	B	AB	O
A	✓	✗	✓	✗
B	✗	✓	✓	✗
AB	✗	✗	✓	✗
O	✓	✓	✓	✓

One of the optimal solution (Without Blood Conversion)



The new biotechnology for blood type conversion boosts transplant matches, enabling an optimal solution with 20 successful transplants with 6 blood conversions.