

11. Resulting Statistics for Join Simulation

If the first character of a first name is between "A" and "A",
the name will be included in the source relation.
Otherwise, the name will be included in the target relation.

STACK LEVEL	TOTAL TUPLES	DISCARDED TUPLES	FILTERED RATIO	OVERALL RATIO		
5	0	0	NONE	0.00%	<-----	SOURCE RELATION
	0	0	NONE	0.00%	<-----	TARGET RELATION
4	0	0	NONE	0.00%	<-----	SOURCE RELATION
	0	0	NONE	0.00%	<-----	TARGET RELATION
3	22	0	0.00%	0.00%	<-----	SOURCE RELATION
	84	0	0.00%	0.00%	<-----	TARGET RELATION
2	75	26	34.67%	16.77%	<-----	SOURCE RELATION
	197	18	9.14%	0.95%	<-----	TARGET RELATION
1	155	80	51.61%	51.61%	<-----	SOURCE RELATION
	1893	1696	89.59%	89.59%	<-----	TARGET RELATION

THE TOTAL NUMBER OF KEYS IN THE SOURCE RELATION : 155

THE TOTAL NUMBER OF KEYS IN THE TARGET RELATION : 1893

THE TOTAL NUMBER OF KEYS IN THE RESULT RELATION : 355

THE TOTAL NUMBER OF HASH CODER USED IN THE JOIN : 2426

If the first character of a first name is between "A" and "E",
the name will be included in the source relation.
Otherwise, the name will be included in the target relation.

STACK LEVEL	TOTAL TUPLES	DISCARDED TUPLES	FILTERED RATIO	OVERALL RATIO			
5	0	0	NONE	0.00%	<-----	SOURCE	RELATION
	0	0	NONE	0.00%	<-----	TARGET	RELATION
4	1	0	0.00%	0.00%	<-----	SOURCE	RELATION
	1	0	0.00%	0.00%	<-----	TARGET	RELATION
3	210	1	0.48%	0.15%	<-----	SOURCE	RELATION
	240	0	0.00%	0.00%	<-----	TARGET	RELATION
2	607	375	61.78%	58.05%	<-----	SOURCE	RELATION
	688	412	59.88%	29.39%	<-----	TARGET	RELATION
1	646	39	6.04%	6.04%	<-----	SOURCE	RELATION
	1402	714	50.93%	50.93%	<-----	TARGET	RELATION

THE TOTAL NUMBER OF KEYS IN THE SOURCE RELATION : 646

THE TOTAL NUMBER OF KEYS IN THE TARGET RELATION : 1402

THE TOTAL NUMBER OF KEYS IN THE RESULT RELATION : 919

THE TOTAL NUMBER OF HASH CODER USED IN THE JOIN : 3795

If the first character of a first name is between "A" and "G",
the name will be included in the source relation.
Otherwise, the name will be included in the target relation.

STACK LEVEL	TOTAL TUPLES	DISCARDED TUPLES	FILTERED RATIO	OVERALL RATIO	
5	0	0	NONE	0.00%	<----- SOURCE RELATION
	0	0	NONE	0.00%	<----- TARGET RELATION
4	1	0	0.00%	0.00%	<----- SOURCE RELATION
	1	0	0.00%	0.00%	<----- TARGET RELATION
3	258	1	0.39%	0.13%	<----- SOURCE RELATION
	261	0	0.00%	0.00%	<----- TARGET RELATION
2	744	469	63.04%	58.70%	<----- SOURCE RELATION
	782	503	64.32%	40.27%	<----- TARGET RELATION
1	799	55	6.88%	6.88%	<----- SOURCE RELATION
	1249	467	37.39%	37.39%	<----- TARGET RELATION

THE TOTAL NUMBER OF KEYS IN THE SOURCE RELATION : 799

THE TOTAL NUMBER OF KEYS IN THE TARGET RELATION : 1249

THE TOTAL NUMBER OF KEYS IN THE RESULT RELATION : 902

THE TOTAL NUMBER OF HASH CODER USED IN THE JOIN : 4095

If the first character of a first name is between "A" and "K",
the name will be included in the source relation.
Otherwise, the name will be included in the target relation.

STACK LEVEL	TOTAL TUPLES	DISCARDED TUPLES	FILTERED RATIO	OVERALL RATIO			
5	0	0	NONE	0.00%	<-----	SOURCE	RELATION
	0	0	NONE	0.00%	<-----	TARGET	RELATION
4	3	0	0.00%	0.00%	<-----	SOURCE	RELATION
	2	0	0.00%	0.00%	<-----	TARGET	RELATION
3	304	2	0.66%	0.17%	<-----	SOURCE	RELATION
	227	0	0.00%	0.00%	<-----	TARGET	RELATION
2	1107	782	70.64%	65.38%	<-----	SOURCE	RELATION
	728	484	66.48%	56.81%	<-----	TARGET	RELATION
1	1196	89	7.44%	7.44%	<-----	SOURCE	RELATION
	852	124	14.55%	14.55%	<-----	TARGET	RELATION

THE TOTAL NUMBER OF KEYS IN THE SOURCE RELATION : 1196

THE TOTAL NUMBER OF KEYS IN THE TARGET RELATION : 852

THE TOTAL NUMBER OF KEYS IN THE RESULT RELATION : 846

THE TOTAL NUMBER OF HASH CODER USED IN THE JOIN : 4419

If the first character of a first name is between "A" and "V",
the name will be included in the source relation.
Otherwise, the name will be included in the target relation.

STACK LEVEL	TOTAL TUPLES	DISCARDED TUPLES	FILTERED RATIO	OVERALL RATIO		
5	0	0	NONE	0.00%	<-----	SOURCE RELATION
	0	0	NONE	0.00%	<-----	TARGET RELATION
4	1	0	0.00%	0.00%	<-----	SOURCE RELATION
	1	0	0.00%	0.00%	<-----	TARGET RELATION
3	144	1	0.69%	0.05%	<-----	SOURCE RELATION
	37	0	0.00%	0.00%	<-----	TARGET RELATION
2	584	440	75.34%	22.44%	<-----	SOURCE RELATION
	87	50	57.47%	57.47%	<-----	TARGET RELATION
1	1961	1377	70.22%	70.22%	<-----	SOURCE RELATION
	87	0	0.00%	0.00%	<-----	TARGET RELATION

THE TOTAL NUMBER OF KEYS IN THE SOURCE RELATION : 1961

THE TOTAL NUMBER OF KEYS IN THE TARGET RELATION : 87

THE TOTAL NUMBER OF KEYS IN THE RESULT RELATION : 205

THE TOTAL NUMBER OF HASH CODER USED IN THE JOIN : 2902