

\mathcal{D}				
ID	Name	Age	Country	Rating
1	Brian	24	Ireland	B
2	Mary	57	France	AA
3	Sinead	45	Ireland	AA
4	Paul	38	USA	A
5	Donald	62	Canada	B
6	Agnes	35	Sweden	C
7	Tim	32	USA	B

Diagram illustrating a dataset \mathcal{D} with attributes ID, Name, Age, Country, and Rating. The dataset is partitioned into two groups: $\mathcal{D}_{Rating=AA}$ (rows 2, 3) and $\mathcal{D}_{Rating \neq AA}$ (rows 1, 4, 5, 6, 7). The partitioning is indicated by the label $d[1]$ pointing to the first row and $d_5[3]$ pointing to the third row of the second group. The label t_4 points to the fourth row of the second group.