

Experiment 4

1. Weather Dataset

	A	B	C	D	E
1	Outlook	Temp	Humidity	Windy	Play_Golf
2	Rainy	Hot	High	FALSE	no
3	Rainy	Hot	High	TRUE	no
4	Overcast	Hot	High	FALSE	yes
5	Sunny	Mild	High	FALSE	yes
6	Sunny	Cool	Normal	FALSE	yes
7	Sunny	Cool	Normal	TRUE	no
8	Overcast	Cool	Normal	TRUE	yes
9	Rainy	Mild	High	FALSE	no
10	Rainy	Cool	Normal	FALSE	yes
11	Sunny	Mild	Normal	FALSE	yes
12	Rainy	Mild	Normal	TRUE	yes
13	Overcast	Mild	High	TRUE	yes
14	Overcast	Hot	Normal	FALSE	yes
15	Sunny	Mild	High	TRUE	no
16					
17					
18					

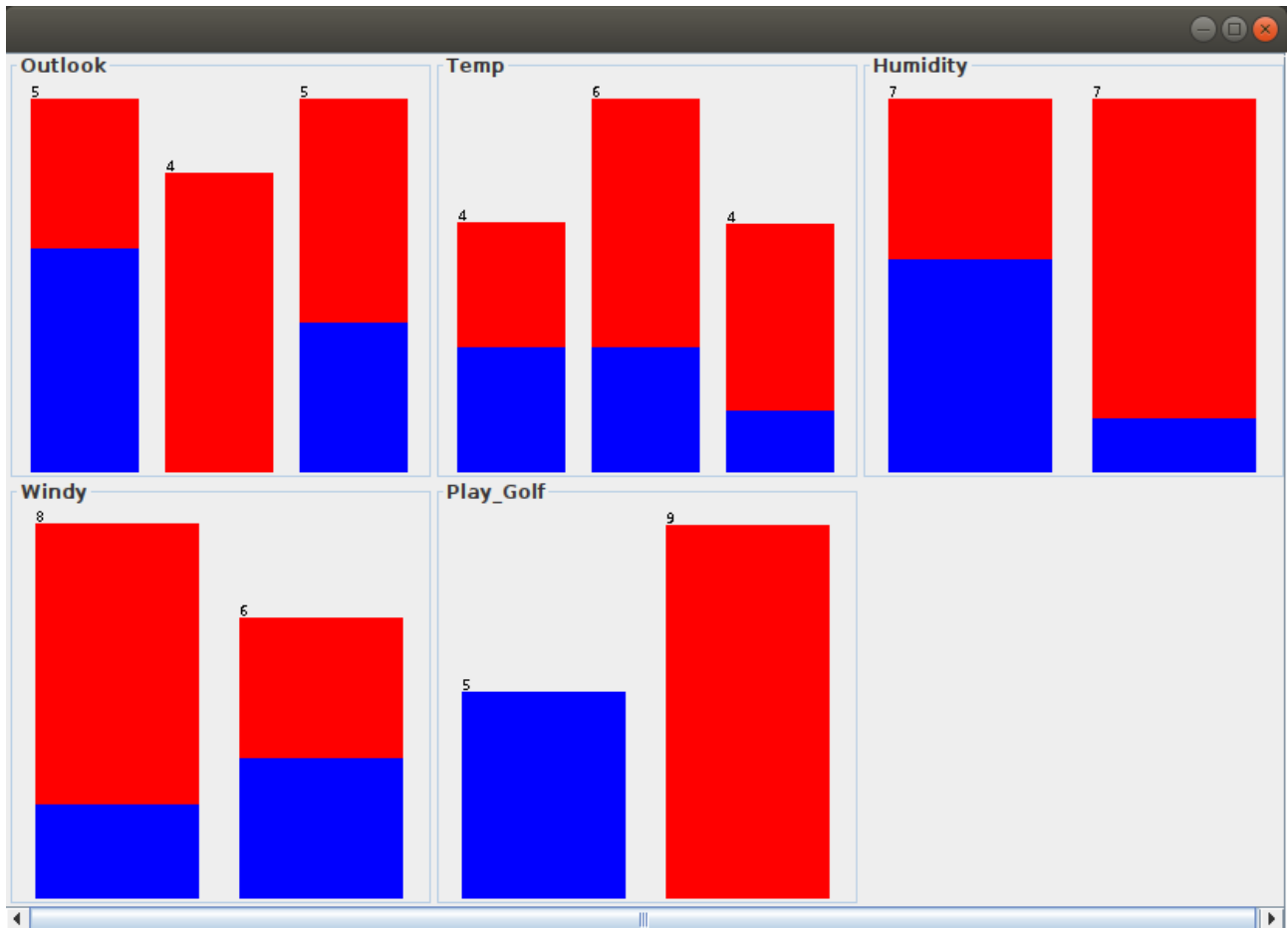
weather.xls

```
1 Outlook,Temp,Humidity,Windy,Play_Golf
2 Rainy,Hot,High,FALSE,no
3 Rainy,Hot,High,TRUE,no
4 Overcast,Hot,High,FALSE,yes
5 Sunny,Mild,High,FALSE,yes
6 Sunny,Cool,Normal,FALSE,yes
7 Sunny,Cool,Normal,TRUE,no
8 Overcast,Cool,Normal,TRUE,yes
9 Rainy,Mild,High,FALSE,no
10 Rainy,Cool,Normal,FALSE,yes
11 Sunny,Mild,Normal,FALSE,yes
12 Rainy,Mild,Normal,TRUE,yes
13 Overcast,Mild,High,TRUE,yes
14 Overcast,Hot,Normal,FALSE,yes
15 Sunny,Mild,High,TRUE,no
```

weather.csv

```
1 |
2 @relation weather
3 @attribute Outlook{Rainy, Overcast, Sunny}
4 @attribute Temp{Hot, Mild, Cool}
5 @attribute Humidity{High, Normal}
6 @attribute Windy{FALSE, TRUE}
7 @attribute Play_Golf{no, yes}
8
9 @data
10 Rainy,Hot,High,FALSE,no
11 Rainy,Hot,High,TRUE,no
12 Overcast,Hot,High,FALSE,yes
13 Sunny,Mild,High,FALSE,yes
14 Sunny,Cool,Normal,FALSE,yes
15 Sunny,Cool,Normal,TRUE,no
16 Overcast,Cool,Normal,TRUE,yes
17 Rainy,Mild,High,FALSE,no
18 Rainy,Cool,Normal,FALSE,yes
19 Sunny,Mild,Normal,FALSE,yes
20 Rainy,Mild,Normal,TRUE,yes
21 Overcast,Mild,High,TRUE,yes
22 Overcast,Hot,Normal,FALSE,yes
23 Sunny,Mild,High,TRUE,no
24
```

weather.arff



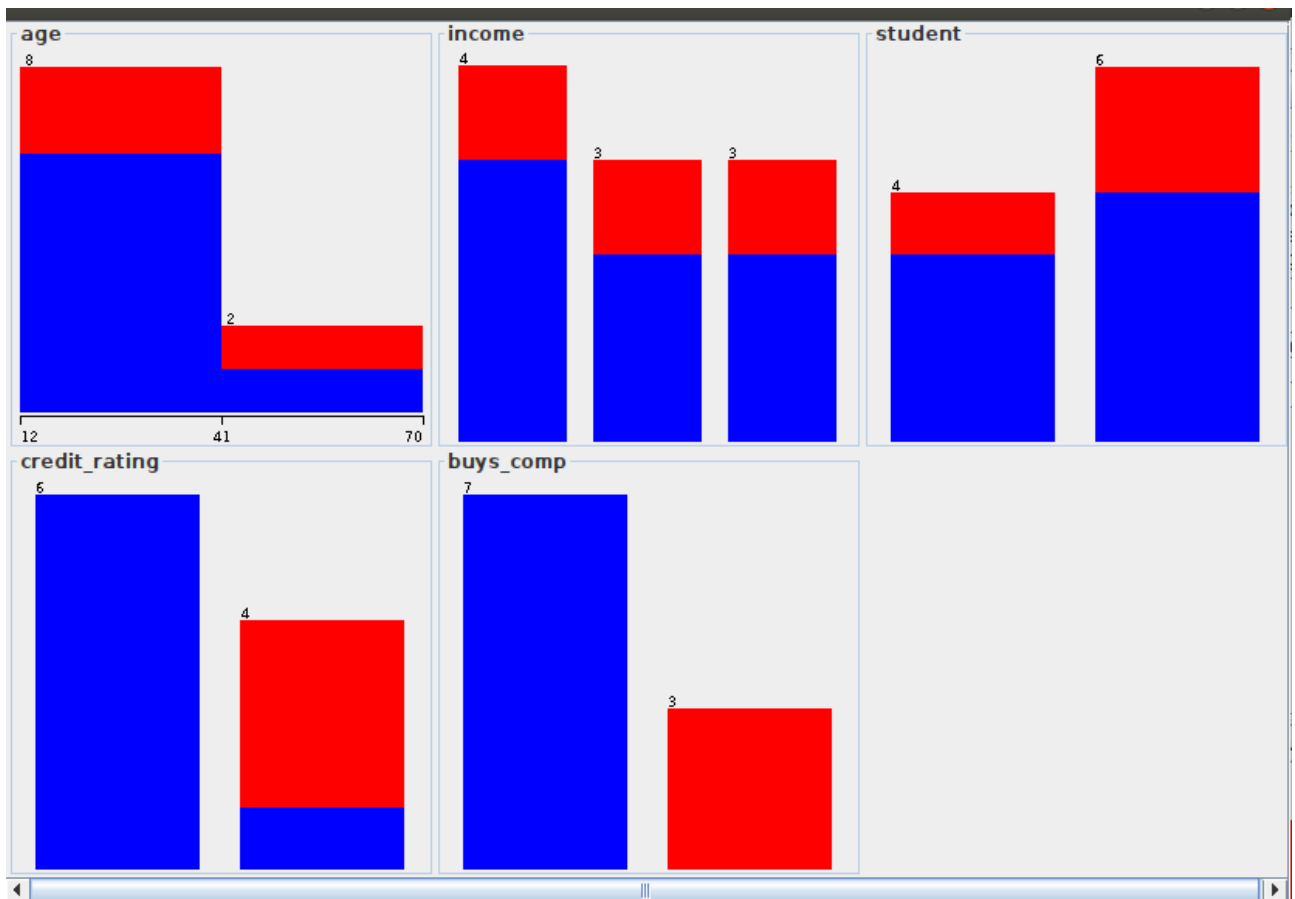
2. Buys Computer

	A	B	C	D	E
1	age	income	student	credit_rating	buys_comp
2	40	high	no	fair	yes
3	33	med	no	excellent	yes
4	28	med	no	excellent	no
5	16	low	yes	fair	yes
6	35	high	no	fair	yes
7	70	high	yes	excellent	no
8	37	med	yes	fair	yes
9	12	low	no	excellent	no
10	22	low	no	fair	yes
11	44	high	yes	fair	yes
12					

buyscomp.xls

```
1 |
2 @relation buyscomp
3 @attribute age Numeric
4 @attribute income{high, med, low}
5 @attribute student{yes, no}
6 @attribute credit_rating{fair, excellent}
7 @attribute buys_comp{yes, no}
8
9 @data
10 40,high,no,fair,yes
11 33,med,no,excellent,yes
12 28,med,no,excellent,no
13 16,low,yes,fair,yes
14 35,high,no,fair,yes
15 70,high,yes,excellent,no
16 37,med,yes,fair,yes
17 12,low,no,excellent,no
18 22,low,no,fair,yes
19 44,high,yes,fair,yes
20
```

buyscomp.arff



buyscomp vizualization