

③ Covering Rules = PRISM

If ? then Buy PC = YES

class YES

Age

Young Adult	$\frac{3}{4}$
Middle Age	$\frac{1}{4}$
Senior	$\frac{1}{3}$

Income

low	$\frac{1}{4}$
medium	$\frac{1}{3}$
High	$\frac{3}{4}$

Edu

college	$\frac{4}{7}$
HighSchool	$\frac{2}{4}$

We choose Age = Young Adult

If Age = Young Adult then Buy PC = YES

Income

low	0
medium	1
High	$\frac{2}{2}$

Edu

college	1
HighSchool	$\frac{1}{2}$

Age	Income	Edu	Prior Purchase	Buy PC?
Young Adult	High	college	Yes	Yes
Young Adult	medium	HighSchool	Yes	Yes
Young Adult	low	High School	No	No
Young Adult	High	College	No	Yes

We choose Edu = College

If Age = Young Adult and Edu = College then Buy PC = YES

YOUNG ADULT	Low	college	No	? NO
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If ? then Buy PC = NO class: NO

Correct

Age	Young Adult	1/4
	Middle Age	3/4
	Senior	2/3

We choose
Income = Low

Income	low	3/4
	medium	2/3
	high	1/4

Edu	College	3/7
	High School	2/4

If Income = Low then Buy PC = NO

Correct

Age	Young Adult	1
	Middle Age	1/2
	Senior	1

Edu	College	2/3
	High School	1

we choose
young adult

Age	Income	Edu	Print Purchase	Buy PC?
Middle	low	College	No	No
Senior	low	College	No	No
Young	low	High School	No	No
Middle	low	College	Yes	Yes

If Age = Young Adult and Income = Low then Buy PC = NO