

Pairwise Testing & Decision Tables

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Example of pairwise testing of bicycles.

Type	Frame material	Wheel diameter	Frame size	Features	Price
Mountain bike	Aluminum alloy	d27.5	15-15.9"(38-40cm)	Adult	<10000€
Niner bike	Steel	d29	17-17.9"(43-46cm)	Women's	10000-50000€
City bike	Carbon	d26	19-19.9"(48.1-51cm)	Planetary sleeve	50000-100000€
BMX bike	Magnesium alloy	d20	20-20.9"(51.1-52.9cm)	Alloy wheels	100000-200000€

Note: special conditions are exists for this parameters

1. Wheel diameter d20 is available only for BMX bike

2. Alloy wheels is available only for Mountain bike

Pairwise Teremokgames

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2	Mountain bike	Steel	d29	17-17.9"(43-46cm)	Women's	10000-50000
3	Mountain bike	Carbon	d26	19-19.9"(48.1-51cm)	Planetary sleeve	50000-100000
4	Niner bike	Steel	d26	20-20.9"(51.1-52.9cm)	Adult	<10000
5	Niner bike	Magnesium alloy	d27,5	15-15.9"(38-40cm)	Women's	50000-100000
6	Niner bike	Aluminum alloy	d27,5	17-17.9"(43-46cm)	Planetary sleeve	100000-200000
7	City bike	Magnesium alloy	d27,5	19-19.9"(48.1-51cm)	Adult	10000-50000
8	City bike	Aluminum alloy	d29	20-20.9"(51.1-52.9cm)	Adult	50000-100000
9	City bike	Aluminum alloy	d26	15-15.9"(38-40cm)	Women's	100000-200000
10	BMX bike	Magnesium alloy	d29	15-15.9"(38-40cm)	Planetary sleeve	<10000
11	BMX bike	Aluminum alloy	d20	17-17.9"(43-46cm)	Adult	50000-100000
12	BMX bike	Steel	d27,5	19-19.9"(48.1-51cm)	Adult	100000-200000
13	BMX bike	Carbon	d27,5	20-20.9"(51.1-52.9cm)	Women's	<10000
14	Mountain bike	Aluminum alloy	d27,5	20-20.9"(51.1-52.9cm)	Planetary sleeve	10000-50000
15	Mountain bike	Steel	d27,5	15-15.9"(38-40cm)	Alloy wheels	50000-100000
16	Mountain bike	Carbon	d29	15-15.9"(38-40cm)	Adult	100000-200000
17	Mountain bike	Magnesium alloy	d26	17-17.9"(43-46cm)	Adult	<10000

Pairwise Pict

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5	City bike	Aluminum alloy	d26	17-17.9"(43-46cm)	Adult	100000-200000
6	Mountain bike	Steel	d26	20-20.9"(51.1-52.9cm)	Alloy wheels	<10000
7	BMX bike	Magnesium alloy	d26	17-17.9"(43-46cm)	Planetary sleeve	10000-50000
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14	BMX bike	Carbon	d20	17-17.9"(43-46cm)	Women's	10000-50000
15	Niner bike	Aluminum alloy	d29	20-20.9"(51.1-52.9cm)	Planetary sleeve	100000-200000
16	City bike	Steel	d29	15-15.9"(38-40cm)	Planetary sleeve	<10000
17	City bike	Magnesium alloy	d29	19-19.9"(48.1-51cm)	Adult	50000-100000
18	Niner bike	Magnesium alloy	d27.5	20-20.9"(51.1-52.9cm)	Adult	10000-50000
19	Mountain bike	Aluminum alloy	d29	15-15.9"(38-40cm)	Women's	<10000
20	BMX bike	Steel	d20	15-15.9"(38-40cm)	Women's	10000-50000
21	Mountain bike	Aluminum alloy	d27.5	19-19.9"(48.1-51cm)	Alloy wheels	10000-50000
22	Niner bike	Steel	d29	17-17.9"(43-46cm)	Planetary sleeve	<10000
23	BMX bike	Magnesium alloy	d20	17-17.9"(43-46cm)	Planetary sleeve	<10000
24	City bike	Steel	d29	15-15.9"(38-40cm)	Women's	10000-50000
25	BMX bike	Aluminum alloy	d29	17-17.9"(43-46cm)	Planetary sleeve	100000-200000
26	Mountain bike	Magnesium alloy	d29	15-15.9"(38-40cm)	Adult	100000-200000

Testing login on djinni

Requirement

Enter email address

Enter password

Select one of the radio buttons

Error message

Please fill out the email field

Please fill out the password field

Please select one of the radio buttons

Decision Table									
#	Conditions	TC1	TC2	TC3	TC4	TC5	TC6	TC7	TC8
1	Email address	T	T	T	T	F	F	F	F
2	Password	T	T	F	F	T	T	F	F
3	Radio buttons	T	F	T	F	T	F	T	F
#	Actions								
1	Please fill out the email field					Execute	Execute	Execute	Execute
2	Please fill out the password field			Execute	Execute			Execute	Execute
3	Please select one of the radio buttons		Execute		Execute		Execute		Execute
7	Confirm the registration email	Executed							

T = True

F = False

#	Test Case	Expected result
1	Fill in all the fields and confirm the registration email.	Confirm the registration email
2	Fill all fields with valid values without selecting the radio button	Error: Please select one of the radio buttons
3	Fill all fields with valid values without password	Error: Please fill out the password field
4	Fill out with valid data only email	Error: Please fill out the password field, Error: Please select one of the radio buttons
5	Fill all fields with valid values without email	Error: Please fill out the email field
6	Fill out with valid data only password	Error: Please fill out the email field, Error: Please select one of the radio buttons
7	Click continued when only the radio button is selected.	Error: Please fill out the email field, Please fill out the password field
8	Leave the fields blank and click continue	Error: Please fill out the email field, Please fill out the password field, Error: Please select one of the radio buttons