

Table: test_data		
Column	Data type	Constraints
class	VARCHAR	
age	INT	
menopause	VARCHAR	
tumor_size	INT	
node_caps	VARCHAR	
deg_malig	INT	
breast	VARCHAR	
breast_quad	VARCHAR	
irradiat	VARCHAR	

Table: test_data								
#	class VARCHAR	age INT	menopause VARCHAR	tumor_size INT	node_caps VARCHAR	deg_malign INT	breast VARCHAR	breast_quad VARCHAR
0	NO	35	premeno	31	no	3	left	left_low
1	NO	42	premeno	22	no	2	right	right_up
2	NO	30	premeno	23	no	2	left	left_low
3	NO	61	ge40	16	no	2	right	left_up
4	NO	45	premeno	2	no	2	right	right_low
5	NO	64	ge40	17	no	2	left	left_low
6	NO	52	premeno	27	no	2	left	left_low
7	NO	67	ge40	21	no	1	left	left_low
8	YES	41	premeno	52	no	2	left	left_low
9	YES	43	premeno	22	no	2	right	left_up
10	YES	41	premeno	1	no	3	left	central
11	YES	44	ge40	27	no	2	left	left_low
12	YES	61	It40	14	no	1	left	right_up
13	YES	55	ge40	26	no	3	left	right_up
14	YES	44	premeno	32	no	3	left	left_up

Table: test_data	
#	irradiat VARCHAR
0	no
1	no
2	no
3	no
4	no
5	no
6	no
7	no
8	no
9	no
10	no
11	no
12	no
13	no
14	no

View: 3. a
Query:
<pre>SELECT * FROM test_data WHERE menopause = "ge40"</pre>

View: 3. b
Query:
<pre>SELECT * FROM test_data WHERE age < 41</pre>

View: 3. c
Query:
<pre>SELECT * FROM test_data WHERE age < 41 & menopause = "ge40"</pre>

View: 3. d

Query:
SELECT AVG(age) AS AverageAGE FROM test_data

View: 3. e
Query:
SELECT AVG(age) AS AverageAGE FROM test_data WHERE deg_malig = 3

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