

2021 4

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**2021 5**  
**2021 3**

5

2021 6 14

2021 5

2021 3

5

5 71 49

69.01%

95 % 100% 22

44.89% >95% 35 71.42%

38 77.55 % 1

1

				100%		95%	
1		7	92.86	1	14.28%	4	57.14%
2		3	88.41	0	0	2	66.67
3		13	92.99	4	30.76	4	30.76
4		17	97.79	11	64.7	2	11.76
5		9	96.47	6	66.67	2	22.22
		49	95	22	44.89	14	28.57

89.98

90

32

65.30%

5

16

1.

	5			776	
	88.66% (4		92.03%)	100%	91
	11.73% 4		19.54%	95%~100%	
200	25.77% 4		30.37%	80%~95%	
	365		47.04% 4	41.59%	70%~80%
	67		8.63% 4	5.03%	70%
	53		6.83% (4	3.48%)	

2

2

					40		3		2	3		2
					40		40					
	113	82.09%	1	0.88%	16	14.16%	64	56.64%	1	14.16%	16	14.16%
	101	80.97%	7	6.93%	13	12.87%	48	47.52%	17	16.83%	16	15.84%
	203	92.57%	25	12.32%	65	32.02%	100	49.26%	8	3.94%	5	2.46%
	133	92.67%	22	16.54%	-	31.58%	63	47.37%	4	3.01%	2	1.50%

	216	89.68%	34	15.74%	64	29.63%	84	38.89%	21	9.72%	.	6.02%
	10	85.75%	2	20.00%	0	0.00%	6	60.00%	1	10.00%		10.00%

-3	-- 0	.			1 -
-4	-- 0-	-		4	.4 03
.	-- 0-1	2 3			03 ..
.	-- 0-	-	2001		11
.-	-- 0-	-	1901		.2 0
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.1	-- 0-	2 3			. .
.2	-- 0-2	2 3			0 0-
.3	-- 0-	2 3	2001 , 2002		13
.4	-- 0	.	2001		1. ..
	-- 0 2	0 1	0 2		. 20
	-- 0-	2 3			.. ..
-	-- 0-1	2 3	501801	2	3 20
.	-- 0-	2 3	1901		14 0
	-- 0 1	0 3	4		1 21
0	-- 0 1	0 3			10 4
1	-- 0	.	- -	2	1 .1
2	-- 0-	-			04 4
3	-- 0-	-	1903		11 12
4	-- 0-1	2 3	2003 , 2001		-0 .-
0	-- 0 .	.		Node.js	1
0	-- 0-	-	1901		1
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2.

80%

34

95%

4 5

# 410

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1	- - 0 1	0 1	4				40 01
2	- - 0 <b>7</b> .		2003				40 4-
3	- - 0	.	1903				
4	- - 0	.	501801				40 2

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..	-- 0-2	2 3	2002	MySQL			40 0
.	-- 0-2	2 3	2006	2			40 01

### 5

1		2	5.88	
2		0	0	
3		14	41.17	
4		16	47.05	
5		2	5.88	

### 3.

6 7

### 6

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.	-- 0 2	0 1	4 .			8 17	42 1-
	-- 0 2	0 1	0 2			6 3	. 20
0	-- 0 1	0 3	4			12	.1
1	-- 0 1	0 3	4 -			15	40 -

2	-- 01	0 3	4 -			7	4 12
3	-- 01	0 1	- -		-	8 5	32 3
4	-- 01	0 3	4			12	3
	-- 01	0 1	- 1			15	43
	-- 01	0 1	4 -			9 3	30
-	-- 01	0 1	- -			8	3 30
.	-- 0.	.	1903		4		3 40
	-- 0.	.	1901	RFID		5 9	31
0	-- 0.	.	501801			12	40 2
1	-- 0-	-	1903				11 12
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.	-- 0-1	2 3	2005			7	2. 2
.	-- 0-1	2 3	1901	Docker			4 4
.-	-- 0-2	2 3	1902			7	1.
..	-- 0-2	2 3	1901				13 3
.	-- 0-2	2 3	1902	SPSS		5 2	3- 0

## 7

1		11	32.35	
2		2	5.88	
3		17	50	
4		0	0	
5		4	11.76	

1

2

4

5

6

5 13

3-4

1903

4

41

17

13

2021 6 14