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	iv) A package of guns claims that the flavor lasts more
4	than 39 minutes. What would be the mulhypothèsis of a
	test to determine the validity of the claim? What sort of
	test is this ?
>	The null hypothesis would be notated as 40: $\mu \leq 39$.
	This is a right tailed test; since the rejection region would
	consist of values greater than 39
)2	Permutation Test
3	A permutation test is a non-parametric test that
_	permutation de significance of a model. The
	determines the statistical significance of a model. The
	test involves shuffling observed docta to determine how
, Az	1 STORY OF THE STORY
	and the second confirmation of the second confir
	The state of the s
	for many random permutations of that data.
-	

Q4 Type 1, Type 2 error's [sum or theory]

A Type Terror (false-positive) occurs if an investigator rejects a null hypothesis that is investigator rejects a null hypothesis that is actually three in the population; a type II error (false-negative) occurs if the investigator fails to reject a null hypothesis that is actually false in the population

47.1 91	True	False 1		
Rejects	Type	and the same		
Kejee	error	18 4%	(**	
Desc not		Type 2 error		
Does not Rejects		16,1101		

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i) The owner of travel agency would like to determine whether or not the man age of the agency's customers is over 24 If so, he plans to alter the destination of their Special cruises and tours. If he concludes the mean age is over 24 when it is not, he makes a ... error. If he concludes the mean age is not over 24 when it is, he makes a error A Type II, Type II B Type I, Type I P Type II o Type Dans Hart In the sale out ii) Suppose we who wish to test H: 53 vs H1530 m'sau>. what will result if we conclude that the mean its greater than 53 when vits true value is really 55? A we have made a Type I error S. We have made a correct decision C. me have made a Type I error D. None of the above are correct my now it in the true with mirror and record to the 111) A hypothes's test is used to prevent a machine from underfilling or overfilling a quart bottles of beer on the basis of sample, the machine is thut down for inspection A through examination reveals there is nothing wrong with the filling machine trom a statistical point · Both Type 1 and Type 11 errors were made V. A Type I emor was made. · A Type II emor was made

A correct decision was made

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96	Chi- square sum Test	(Sum)	
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	chi-square	× 23 (THE STATE OF THE S
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		ja.	•
	x2 = 9:488		€ .
	P		
97	Fisher's expact test		
	Fisher's exact test is a	statistical test	t that determines
	if there are nonrandom of		
	categorical Variables. I		
. 4	contingency tables	7 460 PEAGE , 410 A	1,
	It's generally used in on	e-tailed tests	· 346 12
	Fisher's exact test calci	ilates the mot	c probability of
	getting a table that is a	25 strang due	to the charge
	getting a table that is a	s strong acce	TO THE Engna
	of sampling.		· P. 1
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Ø8	Multi-ann bandit algo	rithin	A ST
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	especially web testing :	that allows	23-11-4
	especially web testing.	1 1	explice
	the traditional and more	rapid decisi	on making than
	the traditional Statisti	rail approach	n to designing
	experiments.	* *	
	It's commonly used in	situations who	× × × × × × × × × × × × × × × × × × ×
	multiple options and	and the	you have
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