

Today is the last session of Stats QQ plot. WE will be covering up all the machine learning algorithms that is what we are going to do Okay. The first topic that we will discuss about p value and significance value. Then. We will talk about distributions like Bernoulli's distribution and binomial distribution. As. You all know I Neuron has already come up with this one neuron platform where we are providing all the tech courses for lifetime in just one price that is seven zero eight zero. If. You feel this is more use crash 10 okay to get ten percent discount I would suggest try it try it you know because this platform will be quite amazing. The average weight of all residents in Bangalore City is 168 pounds with a standard deviation 3. 9 pounds.. We need to check whether whether the sample is being able to. Tell us the weights are same or not okay, So this is what it is given and our confidence interval is basically 95 percentage. So what test we can definitely use is the Z test..

The z test formula is very much simple. I hope everybody is clear because we have already done this in our previous session.. open a z table with respect to 1 minus 0. 025. You will be getting 0. 9750 right so we are going to check this area of curve and usually we get 1. 96 and 0. 96. We reject the null hypothesis fine right but this is already we have done many number of times. The area under the curve of this particular curve is basically 0. 99 triple 1. IF I subtract this with this how much I will be getting how much of this is going to get I'm actually getting point zero zero one seven seven eight right is it not 0. 889 divided by 2 Ah No Because both the both the area are symmetrical understand one thing. Both the area are symmetrical. If I am getting one value over there probably I will be able to see that specific part right because this part is symmetrical to this part.. Over here I 'm getting the point three zero seven is greater than one point nine six. If. This is less than or equal to the significance value. This means we have to reject the null hypothesis.

The p value is greater than significance value, then what we do we fail to reject the null hypothesis.. WE fail to or accept the. null hypothesis. It failed to reject. the p value. WE can also try out in every problem that we have probably discussed this many days now is it clear everyone. mahmoud [UNK] [UNK] have to check out the z table. So if i add this probably then i will be getting some value and then check whether this is less than significance value less than alpha less than or equal to alpha. Then you reject the null hypothesis and obviously this case also it will be less than this one" The average age of a college is 24 years with a standard deviation of 1. 5 okay so this is a college over here. Please guys focus over here otherwise you will be confused throughout. Your life. The confidence interval is 95 percent okay with alpha as one point alpha as 0. 05 and confidence interval do the age where I okay..

We reject null hypothesis we reject the we are doing it right You got the answer great amazing congratulations. You have won a nobel prize by telling me that I have done a mistake. The average value can be greater than 24. It can be less than 24 and equal to 24 so it becomes a two--tailed test. A lot of like request is usually come and we are really people facing company right we have to handle you know so many queries. This so tough guys so tough daily. We are replying to 2000 queries daily. The course request too much funny you know like this any kind of course request will come some guy will come and say that okay. I want a course on this specific technology In my office. There are very less number of people who will be having huge wealth