

Unit 7 Discussion Guidance – Peer Reply #2:

Peer Reply #2.

Review another classmate's thread. Suppose you are the researcher of the hypothesis test.

- Choose a level of significance.
- Determine whether to reject or fail to reject the null hypothesis about the current country of business and the new country.
- Write a statement to the manager in charge of the project as to what should be done based on your observations and the hypothesis test performed.

These responses are meant to be a guide on how to address the peer reply #2 post and do not include all possible responses.

As there is a high cost to extra supplies and decreasing employees right away does not look good, I will choose a very small level of significance of 0.005.

Given the probability for Brazil is 0.725, the probability for Germany is 0.82, and the sample size for Germany is 1142, it was determined the test statistic is 7.2270 and the critical value is 2.5758.

Null Hypothesis, $p =$	0.725
Level of Significance	0.005
Number of Interest	937
Sample Size	1142
Sample Proportion	0.8205
Standard Error	0.0132
Z Test Statistic	7.2270

Alternative Hypothesis $p >$		0.725
Upper Critical Value		2.5758
p -Value		0.0000
Reject the null hypothesis		

Based on the information given I would reject the null hypothesis.

Based upon the information I obtained, I found out the percentage of people that are our potential customers in each country. I then ran a hypothesis test to determine Based on my test statistic and the critical value, we need to ... the null hypothesis. This means that we should