

## Unit 9

Practical application of inferential statistics and qualitative data analysis was conducted in this unit through utilizing Microsoft Excel to derive meaningful and valuable information from raw data. I believe that the utilization of hands-on exercises in statistics and data analysis expand my comprehension of these concepts. Engaging in inferential statistics allowed me to expand my knowledge beyond basic descriptive statistics, allowing me to dig into the approach of obtaining conclusions and making inferences about a larger population based on a sample.

In this context, the usage of Microsoft Excel as a data analysis tool proved efficient. The features of Excel, such as descriptive statistics calculations, data visualization, and statistical testing capabilities, provide advantages for qualitative data analysis and statistical inference (Proctor, 1998).

## References

Proctor, S. (1998) Linking philosophy and method in the research process: The case for realism. DOI: <https://doi.org/10.7748/nr.5.4.73.s7>