

e-Portfolio update: Data Collection - Think about which data collection tool will be suitable for your area of investigation (in this module and/or in your Project module). How will you collect it and what analysis would you hope to perform? How will this answer your research question? This should also be included in the presentation of your Project Proposal in Unit 10.

Answer

My aim is to study the significance of a trained Machine Learning model as it pertains to fault prediction. Faults have various numerical key performance areas and indicators which are stored in a historical database. As an experiment these records can be gathered before and after application of the solution (Saunders et al., 2019). A statistical analysis would be performed on the two samples selected to evaluate the performance of the algorithm (Saunders et al., 2019).

References

Saunders, M., Lewis, P., Thornhill, A. (2019) *Research Methods for Business Students*. Eighth Edition. United Kingdom: Pearson Education Limited.