

Examples Involving Reason and Induction

1. Given a set of data points gained from a survey, the correlation between two variables are determined.
2. I think that two factors are linearly related so I plot them and see if there is a high degree of correlation between them, this tells me whether I was right.
3. Many conversations are recorded and transcribed, we then categorise the utterances according to their type.
4. Looking at some data I determine which “outliers” (extreme values that are probably due to exceptional factors) I should exclude.
5. I observe a meeting to try and work out who is the leader by noting down every time someone gives and accepts an instruction.
6. I observe a meeting and notice that there seems to be a different leader at different stages.
7. I determine a new theoretical framework, starting from first principles.
8. I compare the results of two pieces of research to see if they agree.
9. When looking at my results, I realise I must have made a mistake.
10. I produce a graph to illustrate how my results back up my claim.