

BES13

Developing an Instrument for Measuring Moral Development in AI Age

Timon Du

National Taiwan University of Science and Technology, Taipei, Taipei, Taiwan

Abstract

The aim of the study is to develop an instrument to evaluate the moral development of managers, using cognitive capacity measures. The use of dilemmas is a controversial phenomenological methodology for identifying the beliefs that guide participants' actions (Denzin and Lincoln, 2000) (Groenewald, T., 2004). This approach helps to prevent participants from becoming defensive and encourages them to share their opinions on certain scenarios. The statement of a dilemma describes a scenario both concisely and precisely. We will use a multiple-choice format (following Rest) rather than conducting interviews (Kohlberg's approach). Although both methods have received support from researchers, Rest's approach is more efficient, especially as 11 value types are used to measure moral judgment.

To ensure that the findings of the study are comparable with those of previous research, we will develop instruments similar to those in the DIT2. Each dilemma will be hypothetical and outlined in a single paragraph. The respondents will be asked to assign 12 issues to each dilemma, to rate each of these issues on a scale from "least important" to "most important," and finally to rank the items in terms of importance. Each issue will be stated briefly and precisely to prevent confusion with the others. The issues will reflect different stages of moral development relating to the scenario. This study would like to design another dilemma regarding to AI and the associated issues.

Conference Track

Business Environment - Strategy, Policy, Law, Ethics