Deriving Association between Intelligent Quotient and Debugging Skills

Abstract:

Intelligence defined as an innate ability of an individual to acquire new knowledge. In the educational field, IQ tests are extensively used as indicative measures to find the academic strength of an individual. Debugging is a process of finding the bugs (error) and reducing them in the computer programming. The Program comprehension and debugging skill are useful to predict the students’ performance in the programming subjects. The process of extracting valuable knowledge from the raw data called data mining. In the field of data mining, Association Rule Mining is one of the most popular approaches for discovering the relationship between the items in a dataset. The research work carried out to derive the relationship between the Intelligent Quotient and Debugging Skills from a students’ dataset using Association rule mining technique.