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Mutual Information - Based Node Ordering in the K2 Algorithm.

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Abstract - It has been observed from literature, a Bayesian - Network - based model to predict the style / type of personalization required for a learner using an e-Learning system depending upon the learners characteristics and needs . Various random variables representing factors that may affect the learner are identified and a Bayesian Network structure is learnt from the data set collected with respects to the identified variables using Structure Learning with Mutual Information - Based Node Ordering in the K2 Algorithm . This network is then used to predict the type of personalization required for the learner .