

Discussion on the methods of Spatial Data Mining based on Decision Tree of Clementine

——A case of Ancheng of Pingyin county

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Abstract

There are plenty of implicit information in land use actuality databased. After finished database, peoples pay attention to the implicit knowledge in the database. To enlarge this database applied field, the data mining of this data database was needed to try. Based on Clementine software, the actuality database of land use in Ancheng in 2004 was calculated in Ancheng of Pingyin county in 2004. The mining methods were the C5.0 and C&D of decision tree.The results find the dominant types of the land use in this area and their distribution characteristics. Research results can offer reference such as optimum disposition of land use.

Keywords

spatial data mining; decision tree; Clementine; land use types