Mining the Impact of Climate Change on Animal Production

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Abstract

Animal production plays an important role in the economics of any society; so this paper aims to improve animal production by studying the impact of climate change on animal production. A data mining system is constructed to discover the relation between the weather data and bovine diseases. Since, the animal database and weather database are separated; these databases are integrated using the data warehouses techniques. The proposed system represents a good base for analysis and predictions in the following time period for the purpose of quality decision-making by top management.

References

- Valtorta, S. E. 2002. Animal production in a changing climate: Impacts and mitigation, Brody Lectures at the 16th International Congress on Biometeorology, Missouri, USA.

Index Terms

Computer Science

Information Sciences
Keywords
Regression data mining approach  data mart  climate change  animal production