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

Mining the Impact of Climate Change on Animal Production

- 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