Abstract

This research aims to provide intelligent tool to predict incubator Length of Stay (LOS) of infants in Egypt and USA, in addition to define factors affecting Length of Stay (LOS) of preterm infants and their severity of impact. This study has relied on data collected from both Egypt and US, to compare LOS's driving factors and the accuracy of LOS prediction in both countries. The obtained results indicated that accurate and early diagnosis may speed up treatment and thus reduce length of stay.

References

- R. Haberstroh, Oracle® Data Mining Tutorial for Oracle Data Mining 11g Release 1, Oracle, 2008.

Index Terms

Computer Science

Information Sciences

Keywords