

ABSTRACT

Chart interpretation has an important role in many aspects. For example, in research, reading and interpreting a chart will give significant effects, not only to take a comment and give a response, but also important to take the performance improvement. Chart interpretation also has an important role in the healthcare. Many decisions, judgments, or conclusions have been taken based on chart interpretation.

Many mistakes were made because of misunderstanding about chart content, such that the conclusion which has been taken become incorrect or far from the truth. This condition happened because of much information was resulted from various incomplete or inaccurate information obtained to draw a conclusion or decision.

This thesis proposes method for interpreting chart image automatically. The improvement from the previous methods are that the input can be in a form of image and the information used for the knowledge uses information from the chart legends, title and values extraction, beside the corpus.

Keywords: Acquisition, Chart, Reading ,Value

IT Telkom Grad. School