Abstract

The software engineering is a domain who cares for the production of the software development with high quality in response to the requirements of the market and delivered on time. This paper will discuss the software engineering, in their applications, and software development to deal with big data, as hyperspectral and medical imagery data sets. The role of the software visualization in the interpretation of the data, where the results will be presented to the user’s clearly and beautiful. A color space is a method to specify, create and visualize color. There are several types of systems colors for example RGB, CIE XYZ, HSV and HSI. Color mapping has an important role in the process of the visualization to understand data.

References

2. L. Wang D. Liu and J.A. Benediktsson. An interactive color visualization method with


**Index Terms**

Computer Science

Software Engineering

**Keywords**
Role of Software Engineering in Visualizing Large Volume of Hyperspectral and Medical Data Sets

Computer Science, Software Engineering, Information Visualization, Medical Imagery