

INTERACTIVE VISUALIZATION FOR LARGE DATA SETS

A Project report submitted in partial fulfillment of the requirements for the

award of degree of

BACHELOR OF TECHNOLOGY IN

COMPUTER SCIENCE AND ENGINEERING

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CERTIFICATE

This is certify that this is bonafide record of dissertation work entitled of "INTERACTIVE VISUALIZATION OF LARGE DATA SETS" submitted By D.VIJAYADURGA (14811A0514), A.UPENDRA(15815A0501), S.HARIKRISHNA(14811A0566), K.PRANAY(148-11A0556) in partial fulfillment of the requirement for the degree of bachelor of technology in computer science and engineering from AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY(Accredited by NBA, Approved by A.I.C.T.E, affiliated to J.N.T.U KAKINADA) Tamaram, makavarapalem, is a record of bonafide work carried out by them under my guidance and supervision for the year 2017-2018

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ABSTRACT

The main aim of this project is interactive visualization is the development of converting large amount of raw data into simply understood pictures of information that enable quick and successful decisions.

The major goal of data visualization is to communicate information clearly and powerfully via statistical graphics, plots and information graphics. Numerical data may be encoded using dots, lines, or bars, to visually communicate a quantitative significance. Effective visualization helps users examine and reason about data and confirmation. It makes complex data more accessible, understandable and practical. Users may have particular analytical tasks, such as making comparisons or understanding causality, and the design principle of the graphic follows the task.

Data visualization is a topic that is too large to be labeled. Thus, we restrict our observation here to interactive visualization of large data sets. In order to know the authorized person for that we provided security by using watermarking(visible).