



A GIS analysis for courier companies in Lagos state

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Abstract: This paper presents an application of Geographic Information System (GIS) in postal agencies management in Lagos State. The data used are the digital street map of Lagos State, locations of branches of various postal agencies and tariff system of various postal agencies. The study deals with spatial distribution of postal agencies, vis a vis their services and determine the services/cost of postal agencies in various locations in Lagos State. It also provides the user the design of a GIS for storage, retrieval and display of data of postal agencies in the state, as well as, provides link between attribute and spatial information for the purpose of query, and analysis. Various queries were carried out on the database in the ArcGIS environment. This project made use of GIS technology in storing, processing and presenting the data acquired so as to develop a user friendly interface that makes decision making easier.

Keyword: Geographic information system (GIS), postal services.