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## Data Article

## Data on the awareness and adoption of ICT in town planning firms in Lagos state, Nigeria

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## ABSTRACT

This dataset covers an investigation into awareness and adoption of information and communication technology (ICT) in town planning firms in Lagos state, Nigeria. A survey of thirty (30) town planning firms in Lagos state, Nigeria was conducted. The survey was carried out between January to March 2017 by the use of questionnaires. The dataset contains responses on the factors that influence ICT usage, barriers and constraints of ICT usage. The five (5) point Likert scale was used for quantitative data analysis. The data can help identify the level of ICT usage, identify areas of concern and solutions can be proffered based on the results of the analysis.

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## Specifications Table

Subject area	Construction and Building
More specific subject area	Urban and Regional planning
Type of data	Tables and Figures

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How data was acquired	Field Survey
Data format	Raw and analyzed
Experimental factors	Cross-sectional survey research design of town planning firms to determine factors that influence ICT usage, barriers and constraints of ICT usage.
Experimental features	Multistage sampling selection, simple boxplot, stacked bars, correlation matrix and analysis of variance (ANOVA)
Data source location	Lagos, Nigeria
Data accessibility	All the data are in this data article

### Value of the data

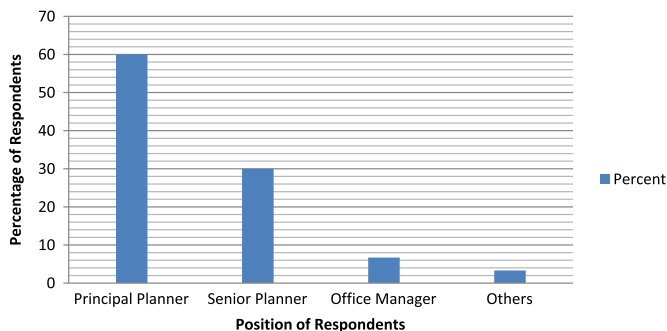
- The dataset can also be used by professional bodies in organizing training program seminars and workshops for Town planners in Lagos, Nigeria.
- The data could be used to advocate ICT usage for professional bodies.
- The data can be used for educational and research purposes [1].
- The questionnaire can be adapted, adopted for a similar research on this subject.

## 1. Data

The article describes data obtained from town planners in different town planning firms on their awareness and adoption of ICT. The data were mainly the analysis of responses from administering questionnaires. A total of 39 questionnaires was administered among the town planning firms in Lagos state, out of which only 30 questionnaires (70%) were retrieved for analysis. The questionnaire can be assessed as [Supplementary data](#). Data collected using the questionnaire was analyzed and that provided the study information. Descriptive statistics (univariate analysis) using mean, frequency, percentages and proportions were used in the data analysis. The five point Likert scale was adopted to facilitate the data analysis. The data presented are the socio-demographics of the respondents and the organizational characteristics of the firm which are the variables used to measure the level of awareness and adoption of ICT in the surveyed Town planning firms.

### 1.1. Socio-demographics of the respondents

The socio-demographics are presented in percentages to facilitate easy comparison and interpretation. These are presented as follows: position of the respondents in the respective Town planning firms ([Fig. 1](#)), gender of the respondents ([Fig. 2](#)), age of respondents ([Table 1](#)), marital status of



**Fig. 1.** Position of respondent in firm.

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