REVIEW OF RESEARCH

A STUDY ON THE AWARENESS LEVEL OF THE RESEARCH SCHOLARS OF THE SOME SELECTED UNIVERSITIES IN KARNATAKA ABOUT THE CORE FUNCTIONS OF SPSS USED IN THE RESEARCH

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ABSTRACT:

This study is to analyze the awareness level of the research scholars of the some selected universities in Karnataka about the core functions of SPSS used in the research. Data is collected through questionnaire and analyzed with the help of SPSS. Results revealed that all the three kind of Universities' Research Scholars have different level Awareness about functions of SPSS. Research scholars belong to Central university have greater position of Functions of SPSS Awareness and Research Scholars belongs to different universities of Karnataka expressed the similar awareness of Plagiarism aspects.

KEYWORDS*: Functions of SPSS, Awareness, University.*

1.INTRODUCTION
SPSS, representing Statistical Package for the Social Sciences, is an incredible, easy to use programming bundle for the control and factual investigation of information. The bundle is especially helpful for understudies and scientists in brain research, humanism, psychiatry, and other conduct sciences. The foremost objectives of research are to find out the facts, analyzing information, and attainment of new conclusions. Today, it is required that each and every researcher should have knowledge about statistical software like SPSS. Without the knowledge of such software and its functions, a researcher cannot do his or her research work. The researcher tried to analyse the awareness of Reasearch scholars about functions of SPSS.

2. THE FUNCTIONS OF SPSS:
SPSS offers four projects that help scientists with their perplexing information investigation needs.

a) Statistics Program:
SPSS's Statistics program gives a plenty of essential measurable capacities, some of which incorporate frequencies, cross arrangement, and bivariate measurements.

b)Modeler Program:
SPSS's Modeler program empowers specialists to manufacture and approve prescient models utilizing progressed factual methodology.

c)Visualization Designer:
SPSS's Visualization Designer program enables analysts to utilize their information to make a wide assortment of visuals like thickness graphs and spiral boxplots easily.

d)Text Analytics for Surveys Program:
SPSS's Text Analytics for Surveys program helps review chairmen reveal ground-breaking bits of knowledge from reactions to open finished overview questions.

3. WHY AWARENESS OF FUNCTIONS OF SPSS?
Functions of SPSS help us to analyze the data effectively. To get reliable and accurate results we are using Functions of SPSS.

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Hence the research scholar must have the awareness of SPSS. Some of the reasons, why we use Functions of SPSS are to evaluate things, to test hypothesis, to observe relationships, to construct predictions, to construct facts, to develop theories, to discover issues, to present information, to make comparisons to and similarities and differences, To draw conclusions about populations based only on sample results, etc.

4. OBJECTIVE OF THE STUDY:
1) To know the awareness level of research scholars of Central University about the core functions of SPSS used in the research.
2) To know the awareness level of research scholars of State public Universities about the core functions of SPSS used in the research.
3) To know the awareness level of research scholars of Private/Deemed Universities about the core functions of SPSS used in the research.

1. Research methodology:
This study is descriptive in nature. it describes the awareness level of research scholars of three type Universities. Data was analyzed based on objectives.

2. Sample:
150 Research Scholars from Central University, Kalaburagi, Gulbarga University, Kalaburagi and Krista Deemed University, Bangalore (50 each University) has been selected as Sample for the study. 50 Research Scalars selected from each University were considered as 75 questionnaires were distributed to researchers of different selected universities in Haryana. But, 65 questionnaires were returned back that was measured for analysis.

3. Data Collection Tool:
A Questionnaire has been prepared and standardized by the investigator.

4. Tools of analysis:
Collected data is analyzed with the help of SPSS. To analyze the data frequency and percentages are used.

5. DATA ANALYSIS AND INTERPRETATION:

Table 1: Awareness level of research scholars of Central University about the core functions of SPSS used in the research

Core Functions of SPSS	Yes		No		Chi-square
	Frequency	Percentage	Frequency	Percentage	
Statistics Program	45	90	5	10	32.00*
Modeler Program	30	60	20	40	2.00*
Text Analytics for Surveys Program	35	70	15	30	8.00*
Visualization Designer	40	80	10	20	18.00*

* Significant at 0.05 level

Table1 is to know the awareness level of the respondents about the core functions of SPSS. This table indicates that researchers are more aware about Statistics Program i.e. 90.0 % followed by Visualization Designer. This is also comes to know from this table that researchers are not more aware about Modeler Program. Awareness level of Modeler Program is very low i.e. only 60.0%. The table also

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indicate that the chi-square value of for responses was significant, it means the there was significant difference between the responses of research scholar in awareness of each functions of SPSS.
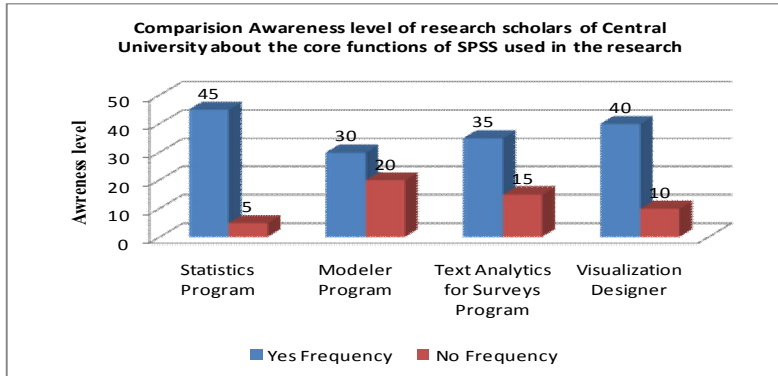

Comparision Awareness level of research scholars of Central University about the core functions of SPSS used in the research

Table 2: Awareness level of research scholars of State Public Universities about the core functions of SPSS used in the research

Core Functions of SPSS	Yes		No		Chi-square
	Frequency	Percentage	Frequency	Percentage	
Statistics Program	42	84	8	16	23.12*
Modeler Program	37	74	13	26	11.52*
Text Analytics for Surveys Program	30	60	20	40	2.00*
Visualization Designer	41	82	9	18	20.48*

* Significant at 0.05 level

Table-2 is to know the awareness level of the respondents of State Public Universities about the core functions of SPSS. This table indicates that researchers are more aware about Statistics Program i.e. 84.0 % followed by Visualization Designer. This is also comes to know from this table that researchers are not more aware about Text Analytics for Surveys Program of SPSS. Awareness level of Text Analytics for Surveys Program is very low i.e. only 60.0%. The table also indicate that the chi-square value of for responses was significant, it means the there was significant difference between the responses of research scholar in awareness of each functions of SPSS. The above data can be shown as follows:
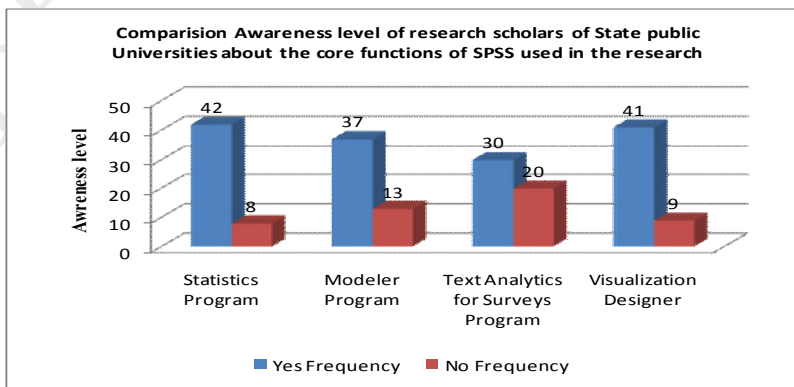

Comparision Awareness level of research scholars of State public Universities about the core functions of SPSS used in the research

Table 3: Awareness level of research scholars of Private/Deemed Universities about the core functions of SPSS used in the research.

Core Functions of SPSS	Yes		No		Chi-square
	Frequency	Percentage	Frequency	Percentage	
Statistics Program	38	76	12	24	13.52*
Modeler Program	32	64	18	36	3.92*
Text Analytics for Surveys Program	29	58	21	42	1.28*
Visualization Designer	28	56	22	44	0.72*

* Significant at 0.05 level

Table-3 is to know the awareness level of the respondents of Private/Deemed Universities about the core functions of SPSS. This table indicates that researchers are having more aware about Statistics Program i.e. 76.0 % followed by Modeler Program. This is also comes to know from this table that researchers are not more aware about Visualization Designer of SPSS. Awareness level of Visualization Designer is very low i.e. only 56.0%. The table also indicate that the chi-square value of for responses was significant, it means the there was significant difference between the responses of research scholar in awareness of each functions of SPSS. The above data can be shown as follows:
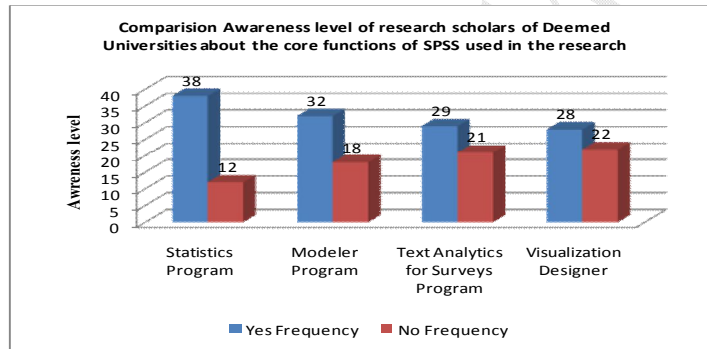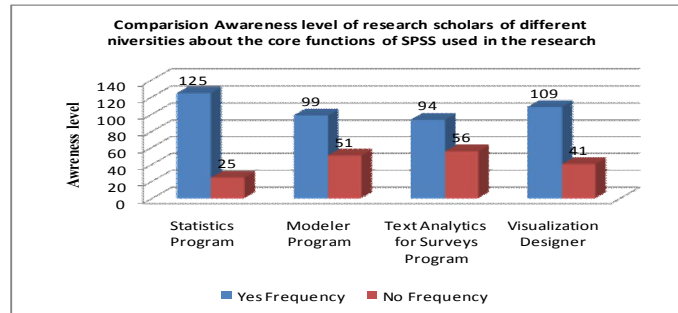

Table 4: Awareness level of research scholars of different Universities about the core functions of SPSS used in the research

Core Functions of SPSS	Yes		No		Chi-square
	Frequency	Percentage	Frequency	Percentage	
Statistics Program	125	83	25	17	66.66*
Modeler Program	99	66	51	34	15.36*
Text Analytics for Surveys Program	94	63	56	37	9.62*
Visualization Designer	109	73	41	27	30.82*

* Significant at 0.05 level

Table-4 is to know the awareness level of the respondents of all Universities of Karnataka about the core functions of SPSS. This table indicates that researchers are having more aware about Statistics Program i.e. 83.0 % followed by Visualization Designer. This is also comes to know from this table that researchers are not more aware about Text Analytics for Surveys Program of SPSS. Awareness level of Text Analytics for Surveys Program is very low i.e. only 63.0%. The table also indicate that the chi-square value of for responses was significant, it means the there was significant difference between the

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responses of research scholar in awareness of each functions of SPSS. The above data can be shown as follows:

6. CONCLUSION:

The data used in research may come from many sources such as experiments, surveys, official records, interviews and case studies. There are many computer packages which analyse statistical data. SPSS, is one of the most popular of these packages and has for many years been widely used in most areas of research. All most all analysis of data was carried out by SPSS in Universities of Karnataka. This paper concluded that researchers are more aware about Statistics Program and Visualization Designer of SPSS and the level of awareness of research scholar about functions of SPSS is about 60%.

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