An Investigation Of the Impact Of SPSS Workshop On Tendency To Research (A Case Study Of The Employees Of Tejarat Bank Branches in Ahwaz)

Mohammad Khodamoradi[1], Nazanin Hosseini[2]

[1.] Department of Statistics, IZEH Branch, Islamic Azad University,Khuzestan, Iran

[2.] Department of Accounting, Islamic Azad University, IZEH Branch, Khuzestan, Iran

Abstract: In The Present Study, the Impact Of SPSS Workshop On Employees (Officials) Of Tejarat Bank Branches in Ahwaz Was Investigated To DO So, a Total Of 20 Employees Taking Part in SPSS Software And Data Analysis Sources Were Selected. The Selected Employees Were Tested After They Had Passed 17 Sessions On How To Work With SPSS Software. Data Analysis Was Performed Through Descriptive And Inferential Statistics After 17 training Sessions, Findings Showed An Increase in Tendency To Research, And The Subjects (Employees) Suggested That The Advanced Course Be Held Again.

Introduction:

A Recent Scientific Advance in Human Society is the Rapid and Extraordinary Development Of Technological Devices (As Computers). in This regard, Robert Et al (2000) Posed The Argument That in The Near Future, Those Unable To Use Computer Are The Same as Ones Who Can Not Read Ands Write. Long Ago, Data Analysis Was Conducted Manually, Which Was Accompanied By Errors. However, it Was Made Possible By Advances in Technology _Especially With The Help Of Computer Software's. In The Current Study, The Impact Of Holding SPSS Workshop On Tendency To Research Was Investigated.

Problem Statement:

given That Banks deal With Financial Statistics And Figures And Due To high Volumes Of Calculation, They Need To Analyze The Data, Accordingly, Training Department Of Tejarat Bank in Khuzestan Considered The Above Training Course Necessary.

As Mentioned Above, SPSS Software is Among Widely Used Tools For Data Analysis in Recent Years.in This Regard, Mihala (2010) Believes That SPSS Software is a Package used For Data Analysis, Data Manipulation and creating Tables And diagrams. Robert Et Al (2000) Also Believes That Splus, SPSS, And sate Software's Are Both Highly Efficient And Flexible in Data Analysis. As To The Importance Of SPSS Software, Some Researchers Such as Valmire Et Al (2003) in a Study Entitled, "The role Of SPSS Software in Solving Some Statistical assignments," Concluded That Male employees Solved More Statistical assignments Than female Ones Did.

Research Hypothesis

In This Study, The Following hypothesis Was Tested:

*hypothesis:

SPSS, Workshop is Effective An Tendency Of Tejarat bank Employees To Research.

Methodology:

in Order To Conduct the Present Study, a Total Of 20 Employees Working in Different Branches Of Tejarat Bank in Ahwaz. Who Participated in The in _Service Training Course, Were Selected as The Study Sample. A Researcher_ Made Questionnaire Was Used For measuring the variable.it Was a 6 Item Questionnaire. Items Were Rated On a 5_ Point likert Scale Ranging From Strongly Agree (5), agree (4), Indifferent (3) Disagree (2) Strongly disagree (1). its Cronbach`sAlpha Was measured To Be 0/83 and Its Validity Was Confirmed By Professionals And Experts. Since The Subject Were Twice Exposed To Research Tendency Questions, research Design is the type Of Pretest_ Posttest For One Group.

Table (1) _ Numbers And Contents and Contents Of Training Sessions

Session (s)	Titles Of Materials trained
1	Familiarization Of Subject with each Other, Explanation Of The research Objectives, And Performing research Tendency Pre_ Test
2	A Short Review Of Descriptive Statistics, Scale, Or measurement Levels Of Variables
3	Getting Familiar With how To Encode, Data Input, and Variable Naming
4	Getting Familiar With Preparing One And two Dimensional Tables, And Central One and Two dimensional tables, And Central And Dispersion Index's
5	Getting Familiar With How To Perform Simple Calculations Of Descriptive Statistics Such As frequency, Percentage, Charting, mean, ETC.
6	Getting Familiar With How To Perform Inferential Statistics Calculations Such As The Average T _ Test Of Correlated And independent Groups And One _Way Variance Analysis
7	Getting Familiar With how To Conduct Simple Calculation For Correlation Types.
8	Getting Familiar With Non_ Parametric Tests (Mann _ With Ney`s, McNamara's, ETC
9	Investigating Differences And Similarities in Parametric And Non _Parametric Tests
10	Getting Two Know How To Make Simple Calculations For Types Of Variance analysis (Including Bivariate, ETC)
11	Getting Familiar With How To Perform Simple Calculations For Type Of Regressions
12	Getting Familiar With Simple Calculations For Validity and Credibility Of The Test
13	Getting Familiar With Factor analysis Calculations (including Variance And Covariance Analysis)
14	Practical Controls For Participants in The Workshop And Answering Their Questions
15	Summarizing Discussions And Performing Research Tendency Post _Test
16	Practical Tests On An Individual Or Group Basis
17	Final results Results Of Practical Test, And Offering Suggestions As To Weaknesses And Strengths Of Participant

Findings: Findings Are Presented in The Following Table (Table 2):

Table(2) _ means and Standard Deviations Of Pretest_ Posttest Scores Of The Subjects` Tendency To Research:

Test Phase	Mean	Standard Deviation
Pre_ Test	27	6/11
Post_ Test	32/8	3/14

Table (2) Shows that Means And Standard deviations Of The Subject`s research Tendency Scores in Pre_ Test and Post_ Test Are 27, 6/11, And 3/14, Respectively.

Table (3) _ Difference Between The Mean And The Standard deviation Of Pretest_ Posttest Scores regarding Tendency to Research in The Subjects:

Mean Difference	Standard Deviation Difference	T_ Value	Degree Of Freedom	Significance Level
Pretest_ Posttest	Pretest _Posttest	-2/86	19	0/004
-3/58	4/47			

Table(3) Suggests That Mean And Standard Deviation Differences in Present_ Posttest Scores Of Research tendency Are -3/58 And 4/47, Respectively. The Table Below Shows That The Calculated T_ Value (-2/86) is Significant At The Level Of (0/004), Which Suggests That SPSS Workshop is Effective On The Tendency Of Tejarat Bank Employees To Research.

Discussions And Conclusions:

Studies indicate That Leading Process Requires Many Skills. Put Differently in Order To Learn The Skills Needed, First Of All Some Prerequisites Should Be Leaned. Obviously, Statistics is Among Those Sciences That Help human Hein's Analyze The Data Obtained. Through Statistics One Can Collect, Analyze The Data Obtained. Through Statistics One Can Collect, Analyze And Finally, Conclude And

Interpreter The Data. in Other Words, Men Have Made Some Tools,in Clouding SPSS Software, To Facilitate Their Work. Using SPSS Software,One Could Perform a Lot Of Analysis, So That They Are Of High Accuracy. SPSS is a Widely Know And Applied Program Designed For Statistical Data Analysis.

It is Particular Widely Used in Collecting And Analyzing The Data Applied in The Research Process. SPSS is a Software Which is The Most Widely Used Among Academic Researchers, Especially Researchers Working in The Areas such as Economics, Councilling, Medicine, Psychology, And Social Sciences. Working With SPSS Software May First Seem Difficult And Complicated, However Learning How To Perform a Wide Rang of Statistical, However Learning How To perform a Wide Rang of Statistical Analysis Through SPSS is Not So Difficult (ZandiDarrehQaribi, 2010).

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