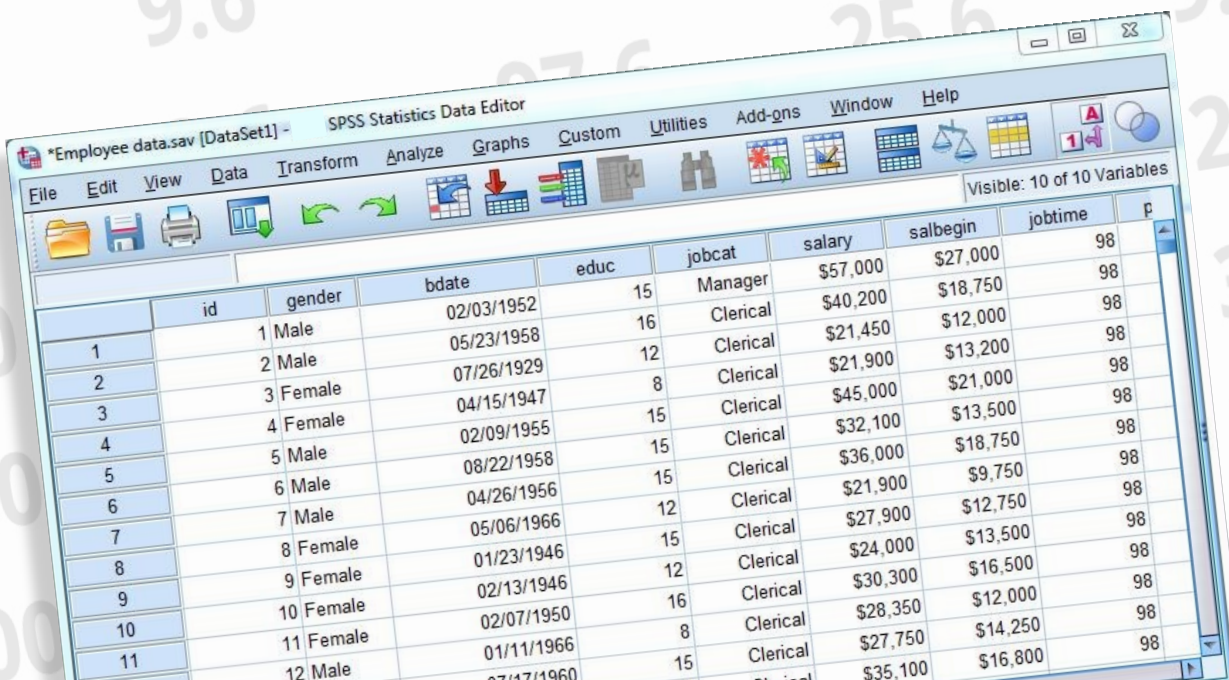


RESEARCH METHODS IN SOCIAL SCIENCES USING SPSS



The screenshot displays the SPSS Statistics Data Editor interface. The title bar indicates the file is named '*Employee data.sav [DataSet1]'. The menu bar includes File, Edit, View, Data, Transform, Analyze, Graphs, Custom, Utilities, Add-ons, Window, and Help. The toolbar contains icons for file operations, data manipulation, and analysis. The main window shows a data grid with 12 rows and 10 columns. The columns are labeled: id, gender, bdate, educ, jobcat, salary, salbegin, jobtime, and p. The data is as follows:

	id	gender	bdate	educ	jobcat	salary	salbegin	jobtime	p
1		1 Male	02/03/1952	15	Manager	\$57,000	\$27,000		98
2		2 Male	05/23/1958	16	Clerical	\$40,200	\$18,750		98
3		3 Female	07/26/1929	12	Clerical	\$21,450	\$12,000		98
4		4 Female	04/15/1947	8	Clerical	\$21,900	\$13,200		98
5		5 Male	04/15/1947	15	Clerical	\$45,000	\$21,000		98
6		6 Male	02/09/1955	15	Clerical	\$32,100	\$13,500		98
7		7 Male	08/22/1958	15	Clerical	\$36,000	\$18,750		98
8		8 Female	04/26/1956	12	Clerical	\$21,900	\$9,750		98
9		9 Female	05/06/1966	15	Clerical	\$27,900	\$12,750		98
10		10 Female	01/23/1946	12	Clerical	\$24,000	\$13,500		98
11		11 Female	02/13/1946	16	Clerical	\$30,300	\$16,500		98
12		12 Male	02/07/1950	8	Clerical	\$28,350	\$12,000		98
			01/11/1966	15	Clerical	\$27,750	\$14,250		98
			07/17/1960			\$35,100	\$16,800		

Short-Term Week End Course

November 2018



IISWBM



SPSS Inc.

About IISWBM

The Indian Institute of Social Welfare and Business Management (IISWBM) was established in 1953 as the first management Institute in India with the cooperation of Calcutta University and Business Community of the country. The Institute campus is located in the heart of the city, Kolkata in a prestigious educational complex consisting of University of Calcutta, Presidency College, Calcutta Medical College, All India Institute of Hygiene and Public Health etc.

The Institute offers regular courses in MBA, MHRM, MBA_PS, MRM, MSW as well as master level programme in Sports Management etc.

About the Short-Term Course

The course has been designed with an objective of developing basic knowledge about data handling for research by different methods using SPSS on real life situation. The course focuses on practicing self-handling of research tools by SPSS Software individually by all participants.

The Course will address both the theoretical / conceptual parts of research techniques as well as detail demonstration of application of the same through SPSS following the sequence given in the Course Content.

Target Participants

Research scholars and post graduate students of different Universities in the area of Management, Commerce, and different subjects of Arts and Social Science like Economics, Education, Sociology, Psychology, Geography etc and faculty members of different academic institutions.

Salient features

Participants will get full scope of hands on operation

Every topic will be imparted with suitable data file

Participants need to bring their own laptop

Certificates will be issued jointly by IISWBM and SPSS Inc.



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SPSS

Course Content

Understanding the nature and types of Data

Running SPSS and the Initial window(s)

- Running SPSS
- The Initial SPSS window(s) – Data View and Variable View

Creation of a small data file and computation of new variables

- Preliminary considerations about data structures
- Entering data
- Editing data
- Computation of new variables

Sample SPSS session

- Open File
- Frequencies by visual Binning
- Explore
- Charts and Graphs

Descriptive statistics

Cross Tabulation

Examining assumptions of parametric statistics

- Test for normality
- Test for outlier
- Test for linearity

Correlation and Regression

- Handling of multi co-linearity by VIF factor

Testing of Hypothesis

- One sample t-Test
- Independent sample t-Test
- Paired t-Test
- ANOVA
- Post-Hoc Tests
- Chi-Square Test
- Non- Parametric Tests



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Course Fees

Rs 3000.00 (Rupees Three Thousand only) for each participant.

One participant will be complementary for a group of five paid participants.

How To Apply

Register through Institute's official website <www.iiswbm.edu> and pay online through net banking / Debit / Credit cards and take a print out of filled in form and payment receipt and submit on first day of the program.

OR Download the form from Institute's official website <www.iiswbm.edu> and submit the filled in form to 'MBA Office, IISWBM' and pay by cash.

Approximate Limit of participants is 25 on First Come First Serve basis of payment.

Contact Person & Workshop Coordinator

Dr. Chinmoy Jana, Professor and Head-MBA

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