



Jump2Learn

# Jump2Learn

The Online Learning Place

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## Course: 301: Statistical Methods

Course Content	<p><b>Unit 1. Introduction and Presentation of statistical data</b></p> <ol style="list-style-type: none"><li>1.1. Types of variables</li><li>1.2. Univariate, bivariate and multivariate data</li><li>1.3. Univariate and bivariate frequency distributions</li></ol> <p><b>Unit 2. Measure of central tendency-mean, median and mode</b></p> <p><b>Unit 3. Measures of dispersion (absolute as well as relative)</b></p> <ol style="list-style-type: none"><li>3.1. Mean deviation</li><li>3.2. Standard deviation</li><li>3.3. Coefficient of mean deviation and coefficient of variation</li></ol> <p><b>Unit 4. Correlation</b></p> <ol style="list-style-type: none"><li>4.1. Introduction</li><li>4.2. Types of correlation and scatter diagrams</li><li>4.3. Rank correlation coefficient</li></ol> <p><b>Unit 5. Regression</b></p> <ol style="list-style-type: none"><li>5.1. Concept of dependent and independent variables</li><li>5.2. Introduction to liner regression</li><li>5.3. Line of regression (with one independent variable)</li></ol> <p>Methods should be explained conceptually and corresponding examples should be given. No proof should be given to any of the methods.</p>
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