



FAKULTI PENGURUSAN DAN INDUSTRI HALAL

PROGRAM	Diploma Pengurusan Muamalat
COURSE NAME	Business Statistics
COURSE CODE	DBM 3012
CREDIT HOUR	2
SYNOPSIS	Business Statistics will focus on the concepts and application of technical statistics in a business. Among the topics that will be discussed are data presentation, measures of central tendency and dispersion, regression and index numbers.
COURSE STRUCTURE	
CHAPTER	TOPICS
1	Basic Concepts and Sampling 1.1 What are statistics? 1.2 What is the role of statistics in a business? 1.3 Types of statistics 1.4 Technical terms 1.5 Sources Data
2	Basic Concepts and Sampling 2.1 Methods of Data Collection 2.2 Designing a questionnaire 2.3 Sampling concepts
3	Data Presentation 3.1 Line Charts, Bar Charts, Pie Charts, Combination and other charts 3.2 Frequency Distribution 3.3 Graphic presentation of frequency distribution
4	Measures of central Tendency and Measures of Dispersion (for ungrouped data) 4.1 Mean, median, mode, other Positional Value 4.2 The Range; Quartile Deviation (Semi- Interquartile Range) 4.3 Mean Deviation (Average Deviation) 4.4 Standard Deviation
5	Measures of central Tendency and Measures of Dispersion (for grouped data) 5.1 Mean, median, mode, other Positional Value 5.2 The Range; Quartile Deviation (Semi- Interquartile Range) 5.3 Mean Deviation (Average Deviation) 5.4 Standard Deviation



6	Measures of central Tendency and Measures of Dispersion 6.1 Relative Measures of Dispersion 6.2 Skewness
7	Regression and Correlation 7.1 Correlation 7.2 Product Moment Pearson of Correlation 7.3 Method of Rank's Spearman 7.4 Qualitative Data
8	Index Numbers 8.1 Types of Index Numbers; Uses of Index Numbers 8.2 One-Item index Number; Unweighted Aggregates Index 8.3 Aggregates Index 8.4 Weighted Aggregates Index: 8.5 Laspeyres method 8.6 Paasche method 8.7 Quantity and Value indices 8.8 Problems in the construction of an index number 8.9 Consumer Price Index (Malaysia)
References:	1. Lau Too Kya et al, Statistics for UiTM Fifth Edition, 2019, Oxford Fajar. 2. Berenson, Basic Business Statistics, 5th edition. 2018, Pearson Education.