

Overview

Multi-choice test that measures the knowledge of statistical methods, exploratory analysis, basics of probability, standard distributions and statistical testing.

Relevant Job Roles	Statistician, Demographer, Psychometric Consultant, Research Scientist, Statistical Analyst, Quantitative Methodologist
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Language	English (US)
Average Testing Time (minutes)	10 minutes
Allowed Time (minutes)	15 minutes
Maximum Number of Questions	12 questions
Number of Sitzings	One
Test Type	Multiple Choice - CTT
Sector	Business
Scores Reported	<ul style="list-style-type: none">• Overall Score• Basic Probability• Exploratory Analysis• Statistical Inference
O*NET Competency	Mathematics

Knowledge, Skills, Abilities And Competencies Measured

The following areas are covered:

- Basics of probability
- Probability density function (PDF) and Cumulative distribution function (CDF)
- Experiment design
- Sampling distribution, sampling error, sampling bias
- Measures of central tendency and dispersion
- Statistical survey and data presentation
- Confidence intervals
- Correlation
- Formulating null & alternate hypothesis
- Type I and Type II errors
- Regression
- Statistical tests (z-test/t-test) and p-value