Analyse-it for Microsoft Excel Ultimate Edition v6.16.2

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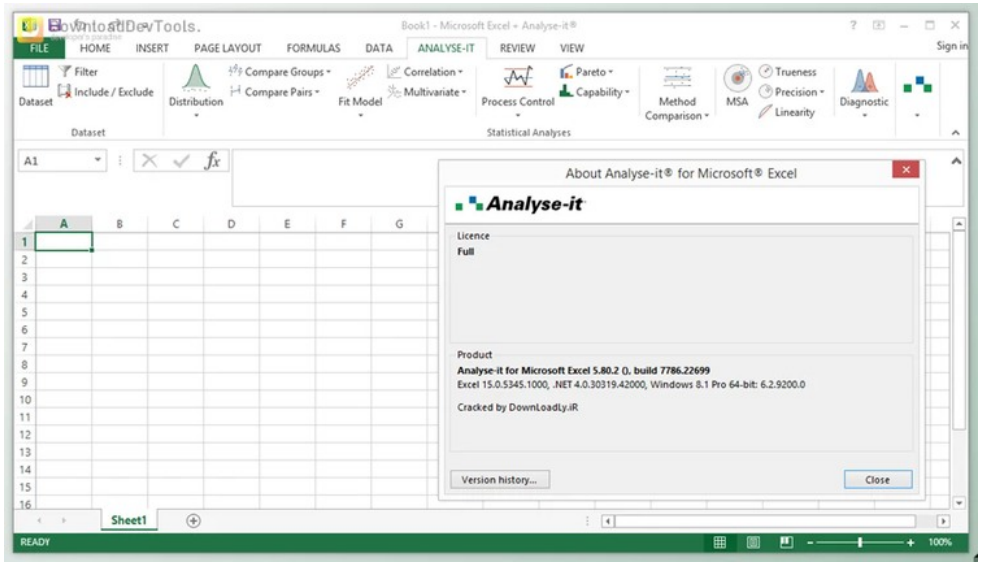

Analyse-it for Microsoft Excel Ultimate Edition functions as a robust statistical software program able to work within Microsoft Excel and delivers complete capabilities for statistical testing as well as method testing and quality control functions. The software targets medical laboratory staff, research institutions, and manufacturing professionals to simplify complex data analysis, although it provides regulatory-compliant results that enhance product quality standards. Analyse-it has reached its 25th year of operation, and its trustworthiness helps sustain thousands of ISO/IEC 17025 and ISO 15189 accredited laboratories along with IVD manufacturers through their FDA 510(k) submissions and product validation procedures.

These combined features from Method Validation, along with Quality Control & Improvement and Standard Editions, form the base of the Ultimate Edition package, accessible in one complete bundle. The ultimate package supports CLSI method validation protocols together with advanced diagnostic tools (ROC curves and survival analysis and method comparison) and process control features, which include Shewhart charts and Pareto analysis. Built-in measurement systems analysis modules in the tool allow users to perform an accurate evaluation of precision and assessment of accuracy and bias, as well as total measurement error, to support laboratories and manufacturers.

operates within Microsoft Excel software, allowing users to benefit from its user-friendly features without needing special training. The software operates through Excel file formats without data or results restrictions, which enables simple teamwork. Users can trust the reliability of calculations since the software upholds NIST standards for validation. Users benefit from responsive technical support combined with detailed documentation when they use Analyse-it to perform faster analyses, superior product quality assurance, and straightforward regulatory compliance.

Key Features of **Analyse-it for Microsoft Excel Ultimate Edition** :

1. **Seamless Excel Integration** – Works inside Excel 2007, 2010, 2013, 2016, 2019, and Office 365, so you don't need to learn new software.
2. **Method Validation & Regulatory Compliance** – Supports 11 CLSI protocols, including precision, bias estimation, linearity, detection capability, and total error assessment, ensuring FDA, CAP, and CLIA '88 compliance.
3. **Advanced Diagnostic Test Performance** – Includes ROC curve analysis to measure diagnostic accuracy and

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determine the best decision thresholds.

4. **Method Comparison & Agreement Analysis** – Compare new measurement methods with Bland-Altman plots, Deming regression, and Passing-Bablok to assess bias and agreement.
5. **Reference Interval Establishment** – Define, verify, and transfer normal reference ranges, partitioning by age, sex, ethnicity, and other factors.
6. **Quality Control & Process Improvement** – Ensure stability with Shewhart, CUSUM, and EWMA control charts, apply WECO & Nelson rules, and monitor trends over time.
7. **Process Capability & Performance Monitoring** – Calculate Cp, Cpk, Pp, Ppk indices to confirm product performance and meet customer specifications.
8. **Pareto & Root Cause Analysis** – Identify the most frequent issues and focus on improvements that deliver the highest impact.
9. **Survival Analysis & Time-to-Event Data** – Use Kaplan-Meier curves and proportional hazards models to analyze treatment effectiveness and reliability.
10. **Validated & Accurate** – Built for high precision, Analyse-it is tested against NIST-StRD standards and validated continuously to ensure statistical correctness.
11. **Easy Collaboration & No Locked Formats** – All data is saved in Excel workbooks, making it easy to share and collaborate with colleagues.

版本列表

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