Minitab®

Powerful statistical software everyone can use

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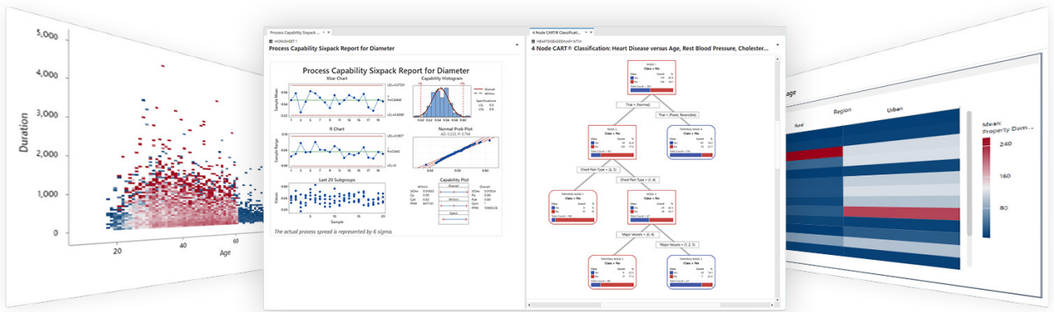
Minitab Statistical Software can visualize, analyze, and harness the power of your data to solve your toughest challenges from anywhere on the cloud.

Minitab has the market's most trusted statistical tools on your desktop or the cloud to get the most out of your data, discover trends, find and predict patterns, uncover hidden relationships between variables, and create stunning visualizations to tackle even the most daunting challenges and opportunities.

With the power of statistics, industry-leading data analytics, and dynamic visualizations on your side, the possibilities are endless.

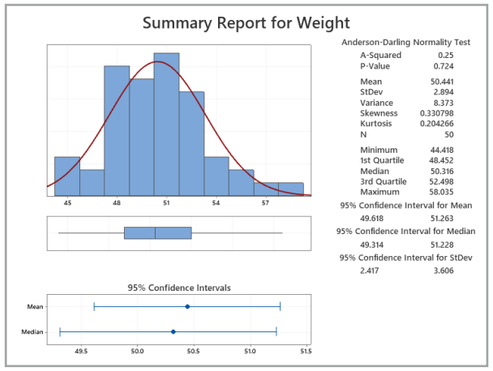


Harness the Power of Statistics

Minitab empowers all parts of an organization regardless of analytical background or geographic location through our comprehensive set of statistical tools for exploring data, illustrating insights, and predicting future trends with lightning speed.

Discover

Make better data-driven decisions at anytime from anywhere. Our trusted and robust data analysis tool has an easy-to-use and intuitive interface for both new and seasoned users alike.

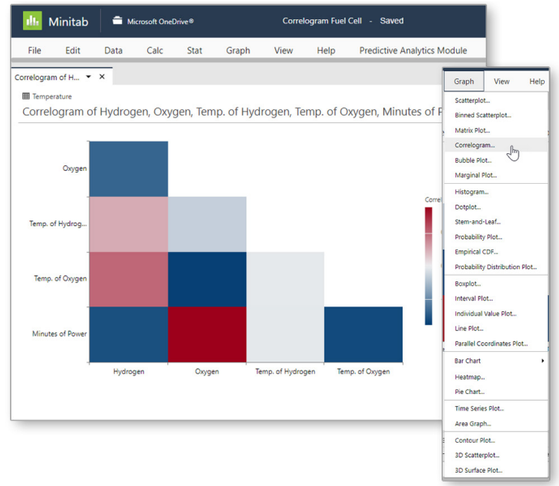


Greater Opportunities and Decision-Making Capabilities

Project better outcomes, design better products, improve processes, and feel empowered by your data, regardless of your statistical background.

Drive Business Excellence

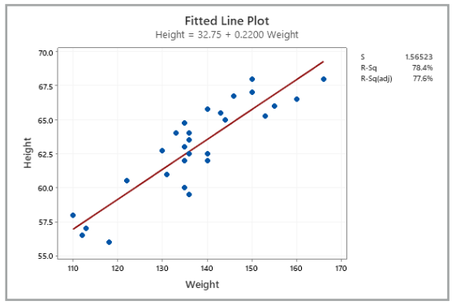
Only Minitab offers a unique, integrated approach by providing software and services that drive business excellence from anywhere on the cloud.



See our full list of features

Predict

Business is ever evolving. Look further into your future and forecast trends to make better decisions, eliminate unnecessary costs, and stop mistakes before they happen.

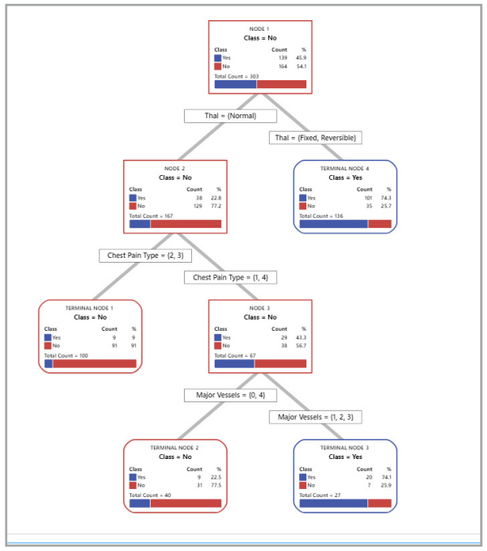


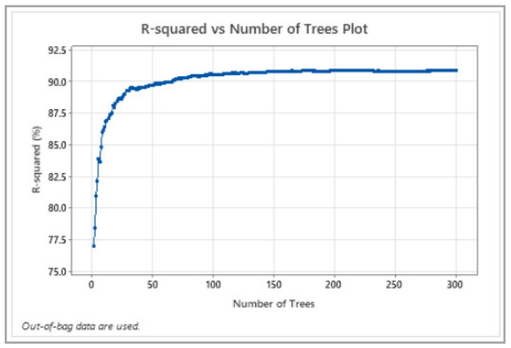
Forecast Your Business

Expertly predict with classical methods or use our revolutionary machine learning algorithm, Classification and Regression Trees (CART®).

Tap Into the Analytics Community

Our open-source integration allows Minitab to call R and Python scripts, providing maximum flexibility for data scientists.



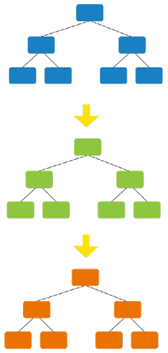


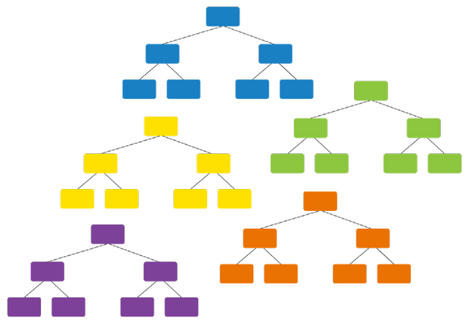
Boost Your Predictive Analytics Further

Minitab's Predictive Analytics Module can provide deeper insights in your data and help solve everyday challenges.

TreeNet® (Gradient Boosting)

Our most flexible, award-winning and powerful machine learning tool is known for its superb and consistent predictive accuracy due to its iterative structure that corrects combined errors of the ensemble as it builds.





Random Forests®

Based on a collection of CART Trees, this algorithm uses repetition, randomization, sampling, and ensemble learning while simultaneously bringing together independent trees to determine the overall prediction of the forest.

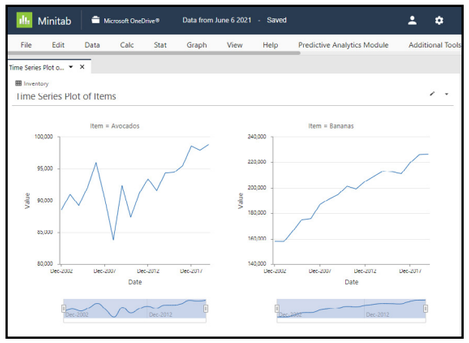
Automated Machine Learning

Use this automated tool to easily confirm you're using the best predictive model to answer your question. Perfect for those new to predictive analytics who need recommendations and experts looking for a second opinion.

Learn more about Minitab's Predictive Analytics Module

Achieve

Seeing is believing. Put your data to work with dynamic visualizations that accurately communicate and support your insights.

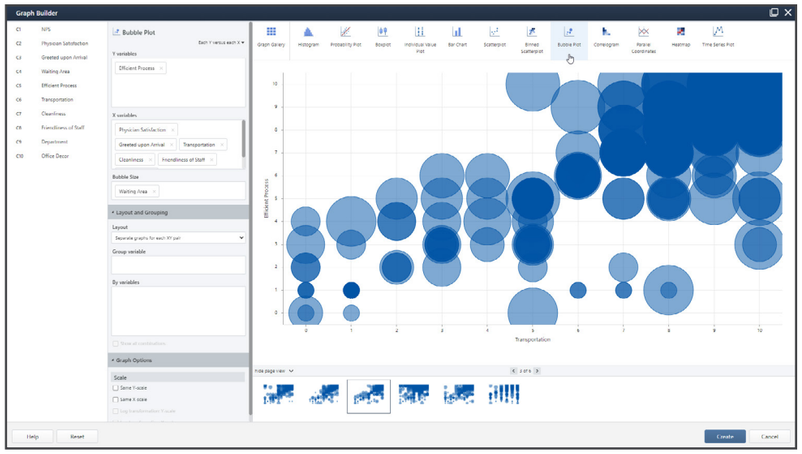


Create the Right Visualizations

Communicate insights and achievements accurately with Graph Builder, our new interactive tool with an easy-to-browse gallery that creates multiple graph options using the same data without re-running your analysis. Seamlessly switch from bar chart to correlogram to bubble plot and more, so you can focus on choosing the best visual for your needs.

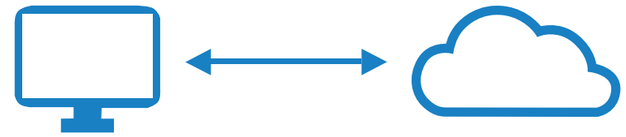
Save Time Importing and Exporting

One-click import from Microsoft Excel and Access or send from Minitab Connect means you don't waste time gathering data before starting your analysis. Then export in one-click from our desktop app to Microsoft PowerPoint and Word, Minitab Engage, and Minitab Workspace.



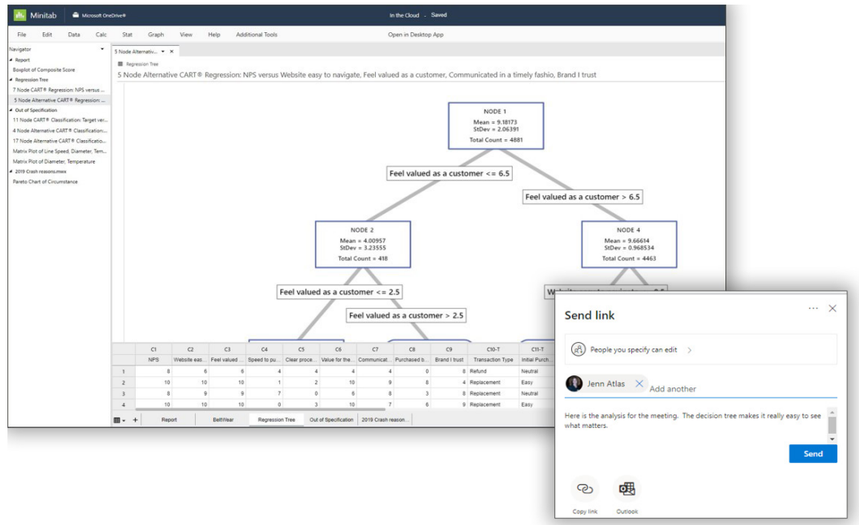
Access Minitab from Anywhere

Business doesn't stop, so why should your data analysis? Increase your productivity and collaboration with Minitab accessible both on your desktop and the cloud.



Log in from nearly any device to complete analyses, find insights, and make better decisions whether you're:

in the office | at home | halfway around the world



Partner with Minitab on Your Analytics Journey

Leverage our comprehensive set of statistics for data analysis in your organization or role.

Visualizations and the right statistical methods enable data-driven decisions leading to better decisions and better business outcomes.

For Quality

Measurement System Analysis

- Gage studies
- Attribute agreement analysis

Capability Analysis

- Capability for Normal and Nonnormal data
- Capability Sixpack

Control Charts

- Variable, attribute
- Multivariate
- Time weighted
- Rare event charts

Acceptance Sampling

Tolerance Intervals

For Reliability Engineering

Distribution Analysis

- Arbitrary censoring (left, right or interval censoring)
- Weibull analysis
- Censored data

Warranty Analysis

Repairable Systems Analysis

Test Plans

- Demonstration
- Estimation
- Accelerated Life Test

Regression with Life Data

Probit Analysis

Cox Regression

For Product Development

Design of Experiments (DOE)

- Screening designs
- Full factorial
- Fractional factorial
- Response surface
- Mixture
- Taguchi

Power and Sample Size

Tolerance intervals

- Normal and non-normal distributions

For Business Analytics

Statistical Modeling

- Regression
- Non-linear regression
- Multivariate models
- Cluster analysis
- Classification and Regression Trees (CART®)
- Random Forests®
- TreeNet®

Multivariate Methods

Chi-Square Test for Association

Correlation

Visualizations

- Scatterplots
- Heatmaps
- Boxplots

Time Series Analytics

- ARIMA modeling
- Time series / forecasting

For Process Validation

Stage 1: Process Design

- Measurement systems analysis
- Hypothesis testing
- Regression / ANOVA
- Process capability

Stage 2: Process Qualification

- Control charts
- Capability analysis
- Tolerance Intervals

Stage 3: Continued Process Validation

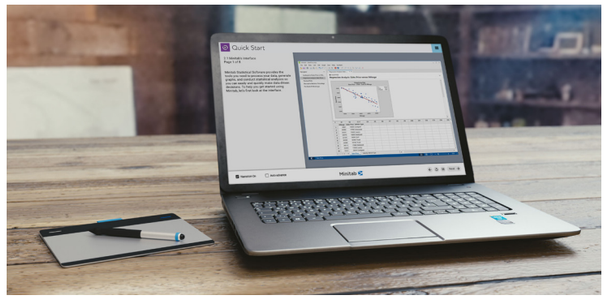
- Measurement systems analysis
- Acceptance sampling
- Control charts

Expert Guidance at Every Step

From beginner to advanced users, Minitab is by your side while you discover, predict, achieve, and transform through data analysis.

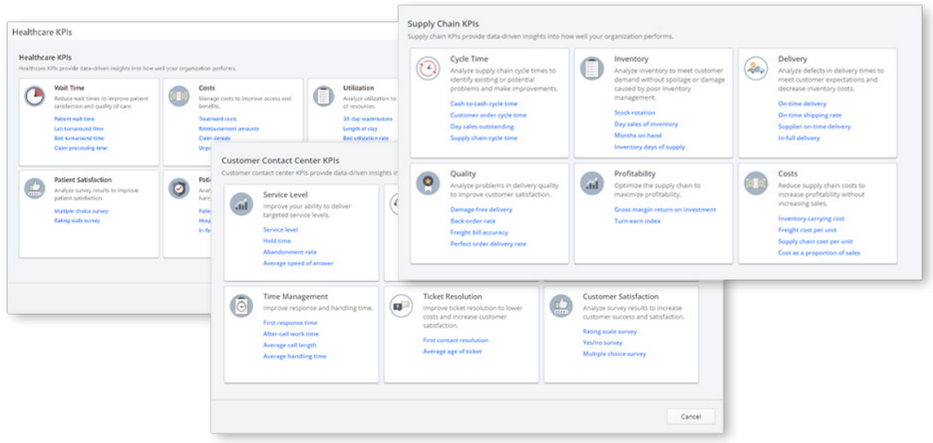
Start with our free resource **Minitab Quick Start** to introduce you to Minitab's basic functions, like importing data, and general navigation to help get you started.

Minitab Quick Start™



Solutions Modules

Tackle challenges in your industry with Minitab's specialized modules. These guided data analysis tools are built to help measure, understand, and improve KPIs in specific industries, and are written in commonly-used terminology that you don't have to be a statistician to understand.



*Sold separately

Ease of Use

What I really appreciate about the usability [of Minitab] is that you don't have to be an expert in stats to be able to use it and to be able to get value from it.

Quality Manager, Manufacturing Organization

Visualization

Minitab made that information so clear not only through the statistical output that you get, but also through all of the graphical output that you can do and that you cannot do in some of the other software programs.

Six Sigma Master Black Belt, Top Automotive Company

Self-Help & Training

I owe a lot of credit to where I'm at today from the training I got at Minitab. From the capabilities it has given me — it just ignited the passion in me to apply statistics to manufacturing.

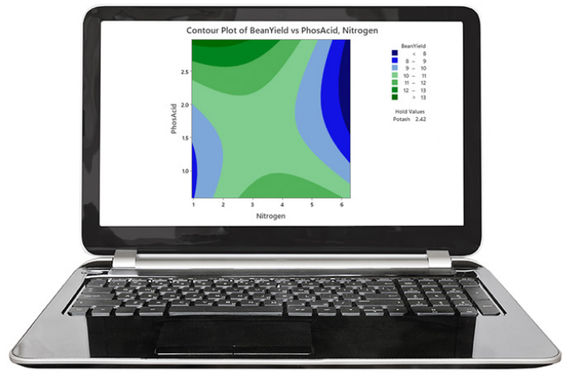
Quality Manager, Medical Device Organization

Customer Support

There's actually people on the other end of the phone that can help you get there. That's awesome.

Continuous Improvement Manager, Manufacturing Organization

Take advantage of our **industry-leading technical support** and the Minitab Education Hub for help at any time. Enhance your skills through our virtual and in-person trainings taught by Minitab experts or speak with our statistical consultants to work through your specific business challenges.



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Download your free 30-day trial today:

Get Started

Data Analysis

Minitab®

Powerful statistical software everyone can use

Data Transformation

Minitab Connect®

Data access, automation, and governance for comprehensive insights

Predictive Modeling

SPM®

Machine learning and predictive analytics software

Online Stat Training

Quality Trainer®

Master statistics and Minitab anywhere with online training

Visual Business Tools

Minitab Workspace®

Visual tools to ensure process and product excellence

Project Ideation & Execution

Minitab Engage™

Start, track, manage, and execute innovation and improvement initiatives

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