



Minitab®



Powerful statistical software everyone can use

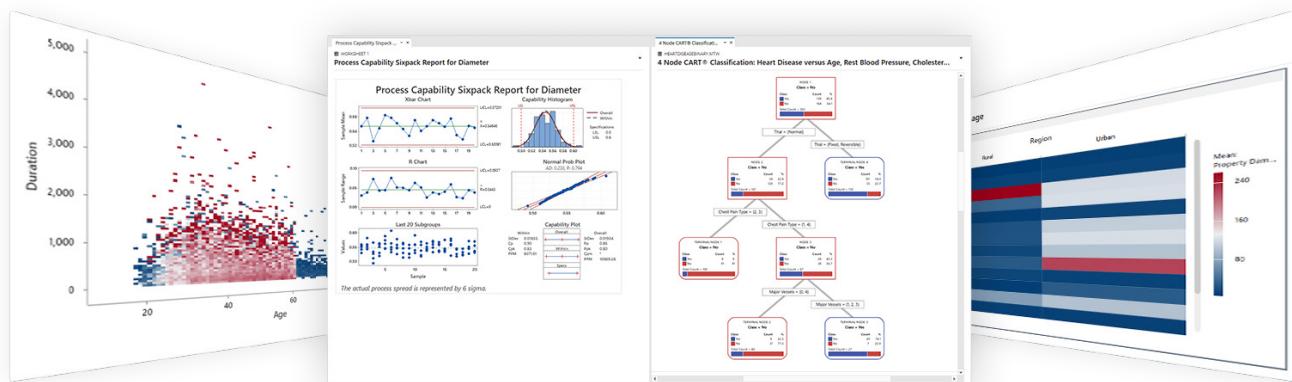
Minitab ®



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.



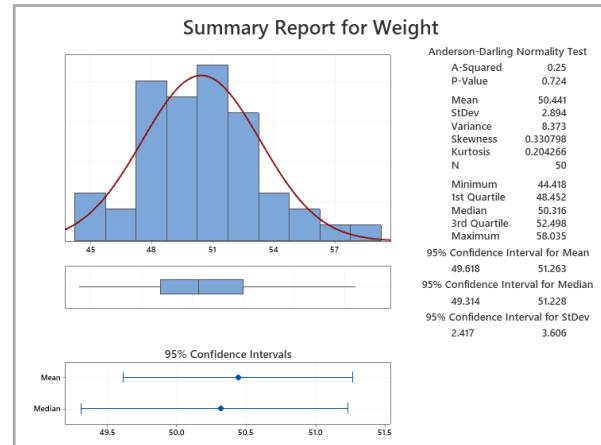
Harness the Power of Statistics

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.

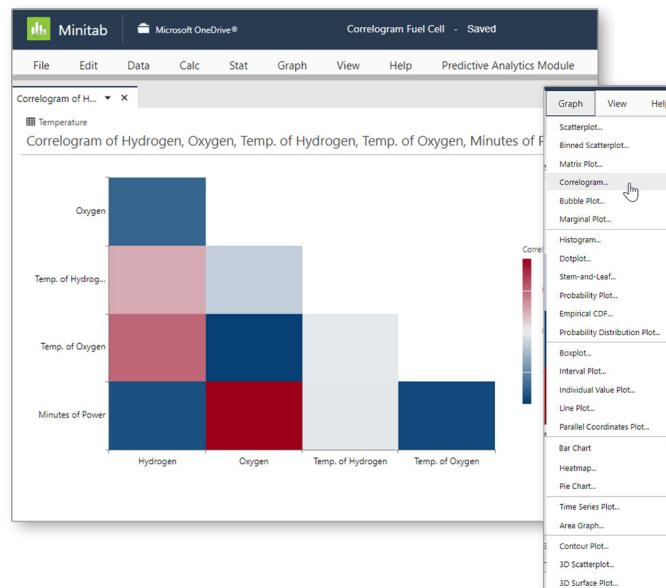


Greater Opportunities and Decision-Making Capabilities

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.

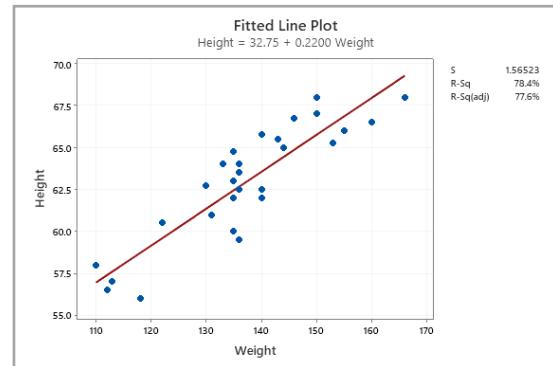


[See our full list of features](#)



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.

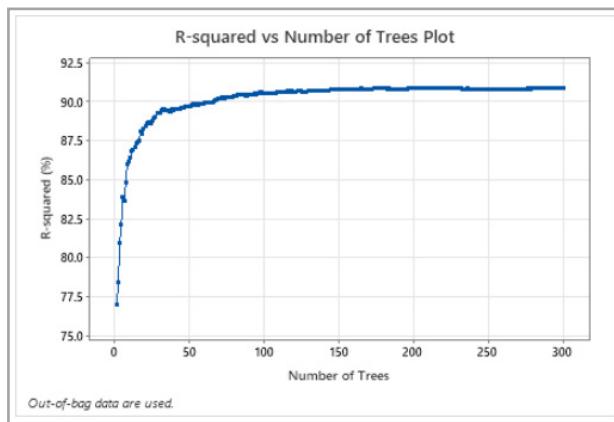
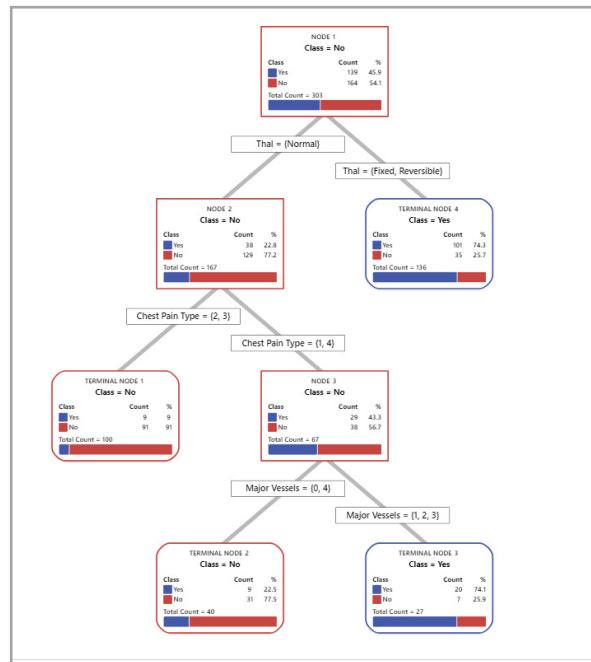


Forecast Your Business

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.

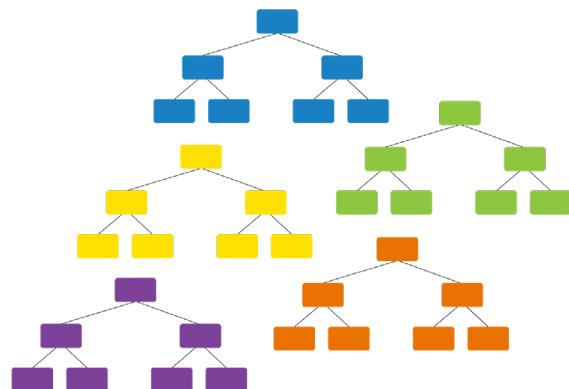
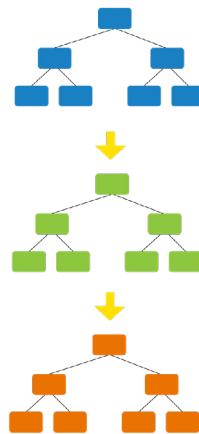


Boost Your Predictive Analytics Further

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

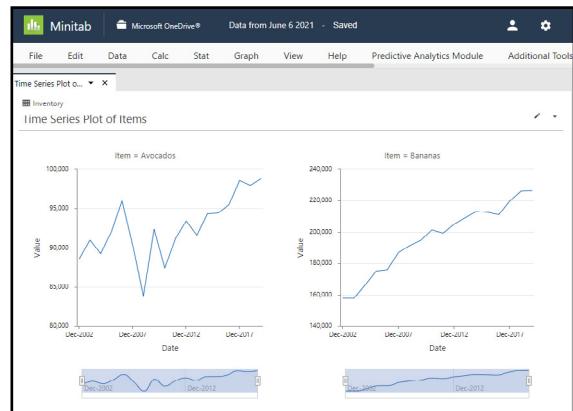
Use this automated tool to easily confirm you're using the best predictive model to answer your question. Perfect for those new to predictive analytics who need recommendations and experts looking for a second opinion.

[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.

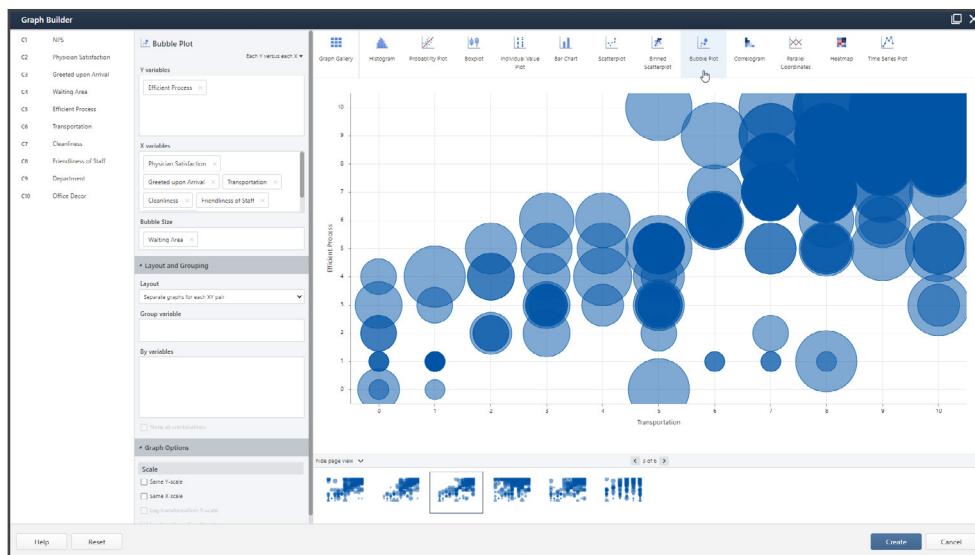


Create the Right Visualizations

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.

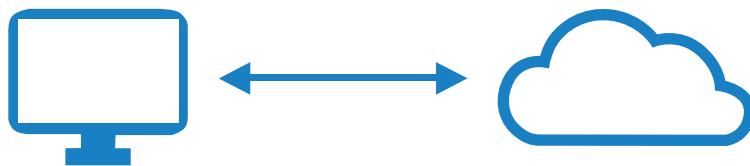
Save Time Importing and Exporting

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

The screenshot shows the Minitab software interface with a decision tree analysis titled "5 Node Alternative CART® Regression: NPS versus Website easy to navigate, Feel valued as a customer, Communicated in a timely fashion, Brand I trust". The tree has four main nodes:

- NODE 1:** Mean = 9.81712, StDev = 2.05391, Total Count = 4881. Condition: Feel valued as a customer <= 6.5.
- NODE 2:** Mean = 4.00957, StDev = 3.23555, Total Count = 418. Condition: Feel valued as a customer <= 2.5.
- NODE 3:** Mean = 4.00957, StDev = 3.23555, Total Count = 373. Condition: Feel valued as a customer > 2.5.
- NODE 4:** Mean = 9.66634, StDev = 0.96634, Total Count = 4463. Condition: Feel valued as a customer > 6.5.

A "Send link" dialog box is open in the bottom right corner, showing a list of recipients: "People you specify can edit" and "Jenn Atlas". The message in the dialog box reads: "Here is the analysis for the meeting. The decision tree makes it really easy to see what matters." There are "Send", "Copy link", and "Outlook" buttons at the bottom of the dialog.

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

Test Plans

- Demonstration
- Estimation
- Accelerated Life Test

Regression with Life Data

Probit Analysis

Cox Regression

Warranty Analysis

Repairable Systems Analysis



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®

Chi-Square Test for Association

Correlation

Visualizations

- Scatterplots
- Heatmaps
- Boxplots

Time Series Analytics

- ARIMA modeling
- Time series / forecasting

Multivariate Methods



For Process Validation

Stage 1: Process Design

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

- Capability analysis
- Tolerance Intervals

Stage 2: Process Qualification

- Control charts

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.

Solutions Modules for Specific Capabilities

Measurement System Analysis
Sample Size

Solutions Modules for Specific Business Functions

Supply Chain KPIs
Customer Contact Center KPIs

Solutions Modules for Specific Industries

Healthcare
Insurance

Supply Chain KPIs

Supply chain KPIs provide data-driven insights into how well your organization performs.

- Cycle Time:** Analyze supply chain cycle times to identify bottlenecks and potential problems to make improvements.
 - Days between order and delivery
 - Days sales outstanding
 - Days spent in storage
 - Supply chain cycle time
- Inventory:** Analyze inventory to meet customer demand without unnecessary waste caused by poor inventory management.
 - Stock rotation
 - Day sales of inventory
 - Months of supply
 - Inventory days of supply
- Delivery:** Analyze delivery times to decrease delivery times and decrease inventory costs.
 - On-time delivery
 - Delivery days
 - Supplier on-time delivery
 - In-full delivery
- Quality:** Analyze problems in delivery quality to improve customer satisfaction.
 - Damage free delivery
 - Delivery on time
 - Freight bill accuracy
 - Perishable delivery rate
- Profitability:** Improve the supply chain to maximize profitability.
 - Gross margin return on investment
 - Turnover index
- Costs:** Reduce supply chain costs to increase profitability without increasing prices.
 - Invoicing varying cost
 - Freight cost per unit
 - Supply chain cost per unit
 - Cost as a proportion of sales

Measurement System Analysis

Access measurement system variation, bias, and stability.

- Gage R&R Study:** Determine how much variation is due to the measurement system and how well the measurement system distinguishes between parts when multiple operators measure the same part under different conditions.
 - Select a Gage R&R Study
- Bias Study:** Calibrate a measurement device, show equivalence between two measurement systems, or determine bias in measurements.
 - Select a Bias Study
- Stability Study:** Estimate bias and repeatability and determine whether measurements from the same device remain stable over time.
 - Select a Stability Study
- Attribute Inspection Study:** Evaluate the consistency and accuracy of attribute ratings or pass/fail inspections.
 - Select an Attribute Inspection Study

Insurance KPIs

Insurance KPIs improve customer satisfaction, increase revenue and control of expenses.

- Customer Satisfaction:** Analyze survey results to increase customer satisfaction and retention.
 - Rating Scale Survey Questions
 - Yes/No Survey Questions
 - Time to Settle a Claim
 - Underwriting Speed
- Customer Acquisition:** Increase customer acquisition to increase revenue and growth.
 - Cost per Acquisition
 - Number of Referrals
 - Service Rate
 - New Business
- Sales:** Analyze sales data to understand sales performance.
 - Production versus Sales
 - Top Brokers in Sales Revenue
 - Customer Retention
- Revenue:** Track policy information to identify revenue-generating opportunities.
 - Average Policy Premium
 - Policyholders Paying Higher Policy Sales Growth
 - Return on Surplus
- Claims:** Analyze frequency and severity of claims to predict costs.
 - Claim Severity
 - Claim Frequency
- Expenses:** Compare claims information to expenses to increase profitability.
 - Expense Ratio
 - Loss Ratio
 - Loss Ratio

*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

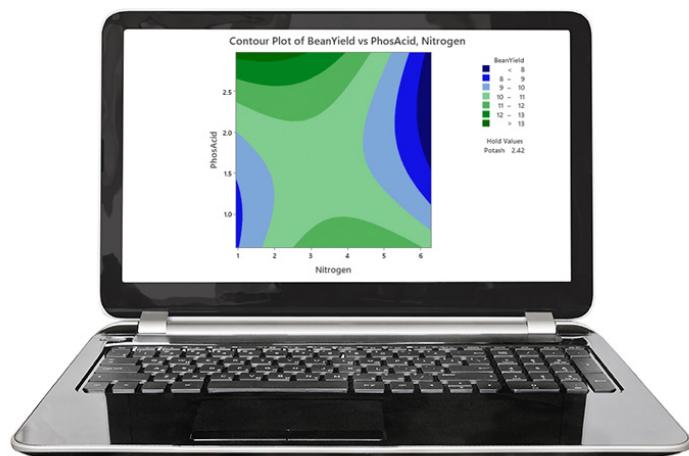


Customer Support

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.



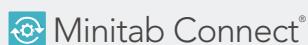


Powerful statistical software everyone can use

Download your free 30-day trial today:

Get Started

— Automation and Reporting — Data Analysis & Predictive Modeling — Model Deployment and Monitoring —



Integrate and transform
data for analysis, reporting
and monitoring



Powerful statistical
software everyone
can use

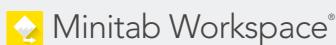


Machine learning
and predictive
analytics software

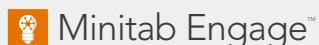


Model lifecycle
management on a simple
yet powerful platform

— Visual Business Tools — Project Ideation & Execution — Quality Solutions —



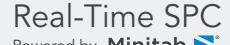
Visual tools to ensure
process and product
excellence



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



Master statistics and
Minitab anywhere with
online training



Monitor, respond, and
deliver immediate quality
and process monitoring

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