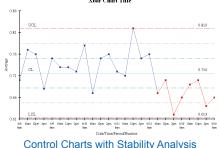
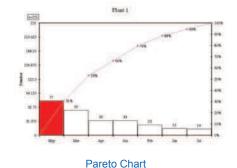
# Control Charts, Pareto Charts, Histograms and Fishbones in Excel 2003–2013!

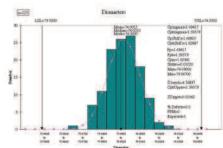
### Improve and Control Any Process With The QI Macros



Value Stream Map

Control Charts with Stability Analysis





Histograms with Cp Cpk

expensive and complex for most of the QA people that I've trained.

QI Macros is the best and lowest cost tool available. The other "stat" and charting programs are way too

Order the

**QI Macros Today** 

for Only \$229!

\$90 of FREE ebooks including Six Sigma Golf when you try the 30-day trial (PC or Macintosh).

Over 100,000 Sold!

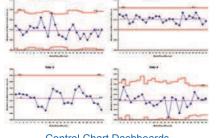
Used in 80 countries worldwide!

- Steve Hoyt, ASQ Program Chair

The QI Macros does everything you said it would and the cost is an unbelievable value. Many thanks for such a useful tool!!!

- Kate Felix, PhD, RN

Newly **Automated** Ishikawa Diagram



Control Chart Dashboards

### **Actual QI Macros Graphs and Templates**



Video Tour: gimacros.com/training/videos/

### Try Them Out Risk-Free For 30 Days!

Download a 30-day evaluation copy from qimacros.com/trial/30-day/



Lean Six Sigma Tools — 40+ charts, 90+ Fill-in-the-Blanks Templates, 17 statistical tools like ANOVA and t tests, and Data Manipulation tools like the PivotTable Wizard.

Lean Six Sigma Simplified Training, Action Plan, Ezines and Quick Reference Cards

QI Macros Training Resources: User Guide, Email Courses, Free Webinars

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# Your Data is in Excel, Shouldn't Your Lean Six Sigma Software be There Too?

### Four ways to look smarter!

I think we can agree that Six Sigma has so many tools, charts and statistics that it can be overwhelming.

For the sake of argument, let's say you're not a statistician. It stands to reason that you still need to analyze data and create informative charts that present your insights about what's wrong to whoever is in charge. Here's four ways to look smarter to your peers and leaders.

- 1. Be a Chart Wizard! Sarah, a nurse in a hospital emergency department, had taken a Six Sigma course some time ago, but forgot what chart she could use with patient wait time data. Then she remembered the QI Macros Chart Wizard. After selecting her data, the Chart Wizard turned her data into descriptive statistics, a histogram and an XmR control chart. Her data was normal, and her process was stable but not capable of meeting patient needs.
- 2. Be a Control Chart Wizard! Like Sarah, Jeff had learned Six Sigma some time ago. His manufacturing plant had various kinds of data—measurements, error rates and counts of rework and scrap. He struggled to navigate the decision tree in his Six Sigma manual until... he remembered the QI Macros Control Chart Wizard. After selecting his data, the Control Chart Wizard analyzed his data, navigated the decision tree for him and automatically drew the right chart each time. With the wizard's help, he was soon monitoring all of the plant's KPIs.
- **3. Be a PivotTable Wizard!** Sarah and Jeff each had spreadsheets listing every mistake or error found in the ER and production floor, but they weren't summarized or

categorized in a way that would make it easy to analyze. Then they remembered the QI Macros PivotTable Wizard. They each selected up to four column headings and the PivotTable Wizard found an optimal way to summarize the data for them. And it was easy to draw control charts and pareto charts right from the PivotTable summaries. Improvement opportunities were immediately visible.

4. Be a Statistics Wizard! Because of her stellar use of Six Sigma tools, the chief medical officer asked Sarah to analyze the results of some medication testing. Acronyms of hypothesis tests swirled in her head until she remembered the QI Macros Statistics Wizard. She selected the data and the Statistics Wizard offered up descriptive statistics, F-tests and t-tests. The QI Macros results even told her what the p-value meant! (Her data was normal; the means were the same; but the variances were different.)

The Chart and Statistics Wizards are a few of the many reasons that anyone can learn to use the QI Macros in a matter of minutes, not days or weeks. Providing 90% of the functionality of Minitab at 10% of the cost, the QI Macros are an inexpensive yet powerful toolkit for Lean Six Sigma. It can cost \$50,000+ to bring a Black Belt or Green Belt up to speed. Why not give them all the tools they need. Ones that work right in Excel?

The QI Macros are simple and straightforward compared to Minitab which has too many confusing options. You can spend a lot more for SPC software, but you won't get the convenience and clarity you get from the QI Macros.

Paul Bronzo

#### **Includes 40+ Charts** 90+ "Fill-in-the-Blanks" Templates **Statistical Tools Data Manipulation** PivotTable Wizard **Statistics Wizard** c, np, p, u Dashboard Lean - Takt & NVA **Chart Wizard Word Count Control Chart Wizard** XmR, XbarR Dashboard PPAP for AIAG Anova One & Two Factor Chi Square **Box-Cox Control Chart Templates Probability Plot** c, np, p, u Countermeasures Matrix **Project Charter** Correlation, Covariance **Unstack-Restack** XmR, XbarR, XbarS. I-MR-R Sampling Cost-of-Quality Analysis **Pugh Concept Selection Descriptive Statistics** XmedianR, Levey Jennings Paste Link Transpose Cp Cpk Template QFD House of Quality **Data Normality Test** EWMA, Moving Average **ROC Curve Equivalence Test** Cusum, Hotelling T2 Design of Experiments **DPMO Calculator ROI** Calculator **Exponential Smoothing** Pareto Chart Earned Value Calculator **SIPOC** F-Test, Fisher's Exact Histogram with Cp, Cpk **EMEA/FMEA** Stakeholder Analysis Non-Parametric Tests Histogram - Weibull Analysis **EOQ Calculator** Toyota A3 Report **Moving Average** Capability Suite Flow Chart Ford 8D Report Multiple Regression Box & Whisker, MultiVari Chart **Gantt Chart** TRIZ Template **Proportion Tests** Line, Run, Bar, Pie Charts Gage R&R Template Value Stream Map Sample Size Calculator Dot Plot, Scatter, Matrix **Histogram Template** Voice of the Customer t-Test: 1 and 2 Factor g chart, t chart Ishikawa Diagram Yamazumi Chart **Tukey Quick Test Short Run Control Charts**

# QI Macros – Quantity Discounts



Buy "seats" for all of the users that need the QI Macros.



35 pg. User Guide + CD-ROM

#### Requirements

PC, Tablet or Macintosh running:

- Windows XP, Vista or Windows 7/8, OSX
- Macintosh Excel 2011 & Office 365
- Excel 2003, 2007, 2010, 2013, & Office 365
- · Works in all international versions of Excel.
- · Uses 30Mb storage.

60 day, no-risk, money back guarantee!

The QI Macros is a Single User License.
You need one license per computer.

You can buy 5-10 copies for less than the cost of one copy of most other brands of SPC software.

#### Prices Good Until 12/31/2014

QI Macros – Quantity Discounts					
Quantity	Price/New License	Upgrade Price/ License	USPS/S&H	Fed Ex Standard Overnight	
1	\$229	\$99	\$9	\$25	
2-9	\$199	\$99	\$10-\$15	\$30-\$40	
10-49	\$179	\$89	\$20-\$35	\$45-\$55	
50-99	\$159	\$79	\$50	\$65	
100-249	\$149	\$69	\$100	\$150	
250+	\$129	\$59	\$200	\$250	

Price Comparison				
For this many copies of Minitab	Minitab Price	+ Quality Companion	You could buy this many copies of QI Macros	
1	\$1,495	\$1,195	15 @ \$179	
10	\$12,950	\$10,250	155 @ \$149	
20	\$23,900	\$19,000	332 @ \$129	

### QI Macros Home/Office (Item #230H)

The QI Macros is a single user license. For users with more than one computer we created the Home / Office Edition. It allows installation on a second computer for an incremental \$50. This option is only good for 1 user - 2 computers. If there are two users on either computer then each person needs their own license.

- Home / Office
- Desktop / Laptop
- PC / MAC

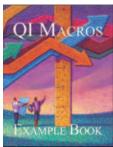
When looking for a statistical software package to recommend to my clients and to use in my Six Sigma Green, Black and Master Black classes we found QI Macros for Excel to be the best overall value.

- H. James Harrington CEO, Harrington Institute

Order at www.qimacros.com and download immediately!

# QI Macros Books and Training Systems

### QI Macros Example Book (#239)



\$29.95 Newly Revised!

Detailed examples and step-by-step instructions for creating and analyzing each Six Sigma tool using the QI Macros. I find it easier to work from an example, don't you? Since the QI Macros User Guide only shows you how to use the software, not how to be a Six Sigma wizard, many people have asked for a book of examples that they could turn to for guidance. I've created examples from healthcare, manufacturing, and service industries to show you how to create and interpret each template or graph, and the associated metrics. 94 pgs

# SPC Simplified Book (#215)



\$29.95

Newly

Revised!

Detailed examples and step-by-step instructions for:

- **Defining Processes**
- Choosing Charts
- **Analyzing Stability**
- Analyzing Capability with Cp, Cpk

While the formulas may be important to the QI Macros, they aren't as important to you. What is important is how to choose and use the control charts and histograms in the QI Macros. This book will show you how. 63 pgs

# **SPC Simplified Video** (#267)



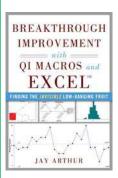
\$97

For the busy quality practitioner to train front-line workers in Statistical Process Control. This video is perfect for overview or just-in-time team training.

Unlike other courses that burden the learner with all of the statistics behind these charts and graphs, this video focuses on analyzing stability and capability using the QI Macros. Includes histograms and all attribute and variable charts.

# **Breakthrough Improvement** with QI Macros and Excel (#219)





This book will show you, step-bystep, how to make breakthrough improvements using just Excel and the QI Macros.

Every million dollar project Jay has ever worked on used just five tools to delver massive results, often in days. You don't have to know Six Sigma, just Excel and the QI Macros.

\$40



\$279

## QI Macros Starter Kit (Item #275)

For those who would like a little guidance, we created a starter package:

- QI Macros Lean Six Sigma SPC Software for Excel (1 license)
- QI Macros Computer-based Training CD-ROM
- QI Macros Example Book

# SPC Simplified System (Item #285)

You'll learn how to use Statistical Process Control through the use of:

- QI Macros Lean Six Sigma SPC Software (1 license)
- QI Macros Computer-based Training CD-ROM
- QI Macros Example Book
- SPC Simplified Book
- SPC Simplified DVD with Participant Guide



# Training System Contents

Product	QI Macros Starter Kit #275 \$279	SPC Simplified System #285 \$379
QI Macros	X	X
QI Macros Example Book	X	X
QI Macros Training CD	X	X
SPC Simplified Book		X
SPC Simplified Video		X

## FREE Lean Six Sigma & QI Macros Training

Watch our FREE prerecorded one-hour webinars at: qimacros.com/training/qi-macros-webinar/

### **Yellow Belt Certification - \$97**

Learn to use the tools of Lean Six Sigma to cut costs, boost profits, increase productivity, and save lives by watching our **FREE Money Belt Training videos.** 

Then demonstrate your knowledge by passing a multiple choice exam. Certification is optional.

#### Here is How it Works

- 1. Watch the free training videos at www.lssyb.com.
- 2. Complete sample exercises using the QI Macros.
- 3. Score at least 80% on the final exam.
- 4. Order certification for \$97

Only after you've successfully completed the exam will you be asked to order and pay for certification. There are no "up front" costs.

Suggested reading: Lean Six Sigma Demystified or Lean Six Sigma for Hospitals book.

### The 4 Hour Black Belt

Green Belt and Black Belt Certification is based on the ability to apply knowledge to real life problems and successfully complete improvement projects.

- Complete the Yellow Belt videos and certification first.
- 2. Green Belt Certification Project 1: Green Belt Level Project focused on reducing either defects or delay. It may be easiest to do this within your department.
- 3. Black Belt Certification Project 1 + Project 2: Black Belt Level Project on a cross-functional (i.e., multi-departmental) problem involving defects or deviation.
- 4. The cost for certification covers our time to review and approve your projects (\$250/project).

For project criteria and more details see:

qimacros.com/services/six-sigma-certification

www.fourhourblackbelt.com

#### **About Your Instructor**



Jay Arthur, the KnowWare Man, teaches people to solve the problems of delay, defects and deviation--the three silent killers of productivity and profitability. He has helped companies large and small, from healthcare to telephony to banking save millions.

He is the author of Lean Six Sigma Demystified, Lean Six Sigma for Hospitals and the QI Macros for Excel. Over 100,000 copies of the QI Macros have been sold in 80 countries. Jay developed the QI Macros out of his own need for Excel-based tools for Lean Six Sigma. Every month, he adds features and functionality requested by users.

Call Now: 303-756-9144 or 888-468-1537

www.qimacros.com/training/lean-six-sigma-makeover/

# Lean Six Sigma Training and Consulting To Fit Your Needs and Budget

# **How to Reduce Costs and Increase Profits Quickly!**

When companies start to consider Lean Six Sigma, what they really want are bottom-line, profit-enhancing results. There are a number of ways to get the results you want. Here's our solutions from the least expensive to the most robust:

- Project Data Mining and Analysis
  We develop improvement projects from your data.
  qimacros.com/training/six-sigma-project-excel/
- One-Day QI Macros Data Mining Workshop qimacros.com/training/qi-macros-and-data-mining/
- One-Day Lean Six Sigma Workshop 1/2 day of Lean (including value stream mapping) and 1/2 day of Six Sigma with QI Macros software. qimacros.com/training/lean-six-sigma-workshop/
- Two-Day Lean Six Sigma Bootcamp
  One-Day Workshop plus a day of hands-on
  coaching for up to five Lean Six Sigma teams.
  qimacros.com/training/lean-six-sigma-bootcamp/
- Lean Six Sigma Makeover

  Reboot a stalled Lean Six Sigma Implementation.

  qimacros.com/training/lean-six-sigma-makeover/
- Green and Black Belt Training and Certification 10-day Green Belt training and certification followed by an additional 10-day Black Belt training and certification. These trainings conform to the American Society for Quality's (ASQ) body of knowledge. These courses have been delivered all over the world in many languages. qimacros.com/training/green-belt-training/

We tailor each of these training offerings to your data and needs, because people learn better when it's relevant to their job.

This way, you start getting results immediately! No waiting for months or years! This way, Lean Six Sigma starts paying for itself, minimizing risk and maximizing results.

**Lean Six Sigma Two Day Boot Camp** 

**Prework - Data Gathering and Analysis** 

- 1-Day Lean Six Sigma Workshop
- 1-day Development of Your First Improvement Projects

#### Overview

- What is Lean and What is Six Sigma?
- How to Avoid the Tarpits of Lean Six Sigma
- Focus for Laser-Like Improvement
- Create Your Master Improvement Story

#### **Improve the Process**

- How to Double Your Speed Using Lean
- How to Cut Costs and Boost Quality Using Six Sigma

#### **Sustain the Improvement**

- Flow Charting and Value Stream Mapping
- Choosing and Using Control Charts
- Analyzing Stability and Capability

#### **Honor Your Progress**

■ Recognize, Review, and Refocus

#### **Materials Provided**

- Lean and Six Sigma Simplified Books
- Lean Six Sigma Quick Reference Cards
- 25 Licenses of the QI Macros SPC Software

# Investment: \$14,500 (U.S. only) Includes travel, materials & 25 QI Macros

(The one mistake everyone makes is trying to implement Six Sigma without software. That's why we include the QI Macros.)





Jay Arthur works with companies to solve the problems of delay, defects and deviation--the three silent killers of productivity and profitability.

Jay is the author of *Lean Six Sigma Demystified 2nd* (McGraw Hill 2011).



**Yes!** I want Jay Arthur's fast, fun and easy-to-use Lean Six Sigma Training Systems and Tools to work for me! *Please send the software and training material indicated.* (Offer good until 12/31/14)

# □ QI Macros Starter Kit: (#275)

- QI Macros (#230 one license)
- QI Macros Training CD (#237)
- QI Macros Example Book (#239)

#### Only \$279 Save \$20

add \$10 S&H, add \$40 for FedEx

# ☐ SPC Simplified System: (#285)

QI Macros (#230 - one license)

QI Macros Training CD (#237)

QI Macros Example Book (#239)

SPC Simplified Book (#215)

SPC Simplified Video (#267)

#### Only \$379 Save \$47

add \$10 S&H, add \$40 for FedEx

Qty.	Item	Order Form	Price	FedEx*	Mail*	Total
	230	QI Macros for Excel (discounts for 2 or more, see page 3)	\$229.00	\$25	\$9	
	230H	QI Macros Home & Office (one user on 2 computers)	\$279.00	\$25	\$9	
	237	QI Macros Training CD ROM	\$49.95	\$25	\$6	
	211	Lean Six Sigma Demystified Book	\$22.00	\$25	\$6	
	212	Lean Six Sigma for Hospitals Book	\$40.00	\$25	\$6	
	219	Breakthrough Improvement with QI Macros and Excel Book	\$40.00	\$25	\$6	
	215	SPC Simplified Book	\$29.95	\$25	\$6	
	267	SPC Simplified Video	\$97.00	\$25	\$10	
Order Total						
*Shipping and handling U.S. for first individual item • Each additional item: Mail \$2 or FedEx \$5						

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Company				
Your Name	in want to try them out <b>Absolutely Risk Free</b> . Please send			
Mailing Address	or return them with no obligation			
P.O. Box Apt/Ste.	Order by 12/31/2014 to Receive these Special Bonuses  Special Bonus #1 Lean Six Sigma Quick Reference Card  Special Bonus #2 Six Sigma Action Plan			
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Phone				
Fax_				
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Email Check here if you have ordered from us before	FAX your order toll-free to:	(888) 468-1536 or (303) 756-3107		
Yes! We also accept Purchase orders!	Orders-only, Call Toll-free:	(888) 468-1535		
Purchase Order Number	(Please have your item # ready)	or (303) 757-2039		
(to prevent duplicate shipments, never send confirming POs)	Questions about the QI Macros? (8 a.m. to 5 p.m. MST)			
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Signature	(888) 4	68-1537 or (303) 756-9144		



# Lean Six Sigma Software for Excel

Painless Control Charts, Fishbone Diagrams, Histograms with Cp & Cpk, Paretos and More

# **Control Chart Software for Excel only \$229!**



KnowWare International, Inc.

2696 S. Colorado Blvd., Suite 555 Denver, CO 80222 Order on-line at: www.qimacros.com (888) 468-1537 (phone) PRSRT STD U.S. POSTAGE PAID DENVER, CO Permit No. 1818



# QI Macros Systems



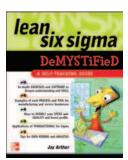
# QI Macros Starter Kit (Item #275)

For those who would like a little guidance, we created a starter package:

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- QI Macros Computer-based Training CD-ROM
- QI Macros Example Book

\$279

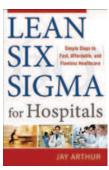
# Lean Six Sigma Demystified (#239)



\$22

Are sluggish, error-prone processes costing you time and money that you don't have?
Lean Six Sigma Demystified covers the essential methods and tools you need to immediately reduce the three silent killers of productivity and profitability: delay, defects and deviation. You don't have to be a statistician or Black Belt to solve big problems. Just learn Lean Six Sigma Demystified. (Item # 211)

### **Lean Six Sigma for Hospitals**



\$40

Industry leaders like Virginia Mason Hospital, Mayo Clinic, and Cleveland Clinic have shown that it's possible to get better, faster and cheaper healthcare quickly using a few key tools of Lean Six Sigma. You can too! Lean Six Sigma can return any hospital to profitability. Lean Six Sigma provides the methods and tools to deliver fast, affordable, flawless healthcare. This book focuses on the key concepts and how to apply them to healthcare. (Item # 212)