



LECTURE

HOW TO CREATE A CONTROL CHART IN EXCEL?

SIX SIGMA WHITE BELT



WHITE BELT TRAINING ROADMAP

INTRODUCTION	WHAT IS QUALITY?	SIX SIGMA, LEAN & KAIZEN	INTRO 7 QC TOOLS	FISHBONE DIAGRAM	CHECK SHEETS
COURSE INTRODUCTION	WHAT IS QUALITY?	WHAT IS SIX SIGMA?	WHAT ARE THE 7 QC TOOLS?	WHAT IS A FISHBONE DIAGRAM?	WHAT ARE CHECK SHEETS?
	HISTORY OF QUALITY	SIX SIGMA PHILOSOPHY		STEPS TO CREATE FISHBONE	STEPS TO CREATE CHECK SHEETS
		SIX SIGMA ROLES		ACTIVITY	ACTIVITY
		SIX SIGMA PERFORMANCE		ACTIVITY SOLUTION	ACTIVITY SOLUTION
		SIX SIGMA DMAIC MODEL			
		LEAN & KAIZEN			
CONTROL CHARTS	HISTOGRAM	PARETO CHART	SCATTER DIAGRAM	STRATIFICATION	CONCLUSION
WHAT ARE CONTROL CHARTS?	WHAT IS A HISTOGRAM?	WHAT IS PARETO ANALYSIS?	WHAT IS A SCATTER DIAGRAM?	WHAT IS STRATIFICATION?	COURSE CONCLUSION
SEVEN INDICATORS	STEPS TO CREATE HISTOGRAM	WHAT IS A PARETO CHART?	STEPS TO CREATE SCATTERPLOT	PERFORM STRATIFICATION	
PREPARE YOUR SPREADSHEET	ACTIVITY	STEPS TO CREATE PARETO CHART	ACTIVITY	ACTIVITY	
CREATE THE CONTROL CHART	ACTIVITY SOLUTION	ACTIVITY	ACTIVITY SOLUTION	ACTIVITY SOLUTION	
		ACTIVITY SOLUTION			

LECTURE

ACTIVITY & ACTIVITY SOLUTION

**X-Bar R
Chart**

**X-Bar S
Chart**

**I-MR
Chart**

**np
Chart**

**p
Chart**

**c
Chart**

**u
Chart**

WHAT IS AN I-MR CHART?

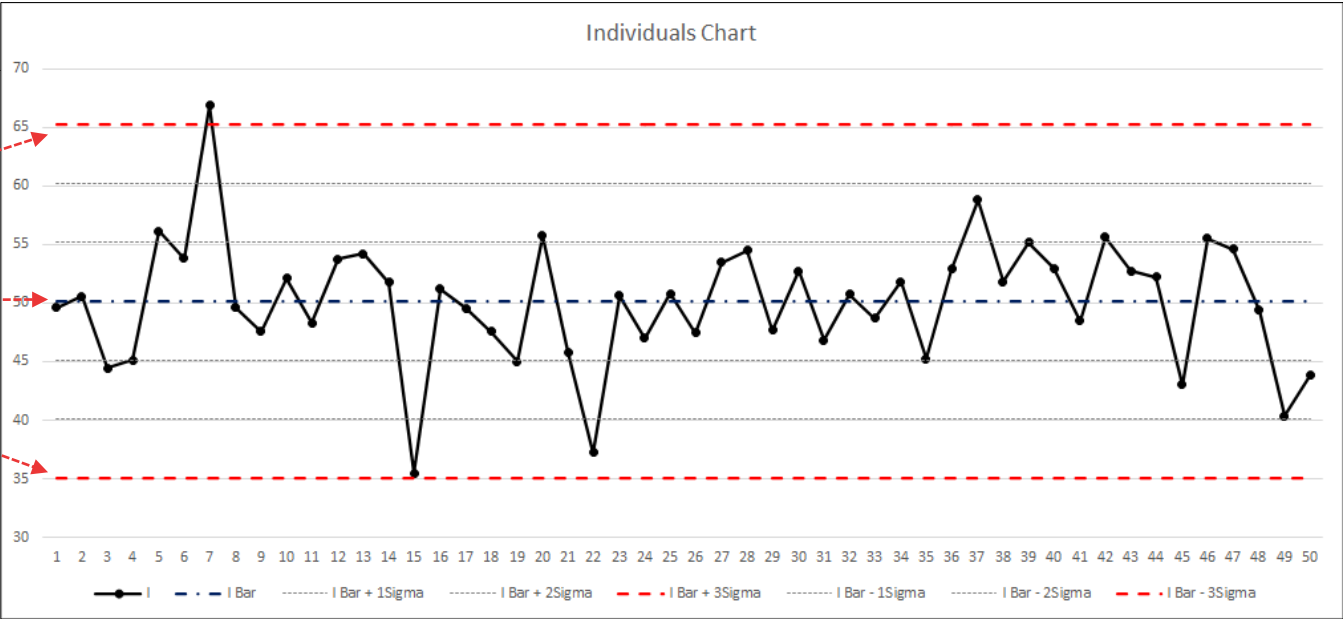
INDIVIDUAL MOVING RANGE CHART (I-MR)

INDIVIDUALS CHART

UPPER CONTROL LIMIT

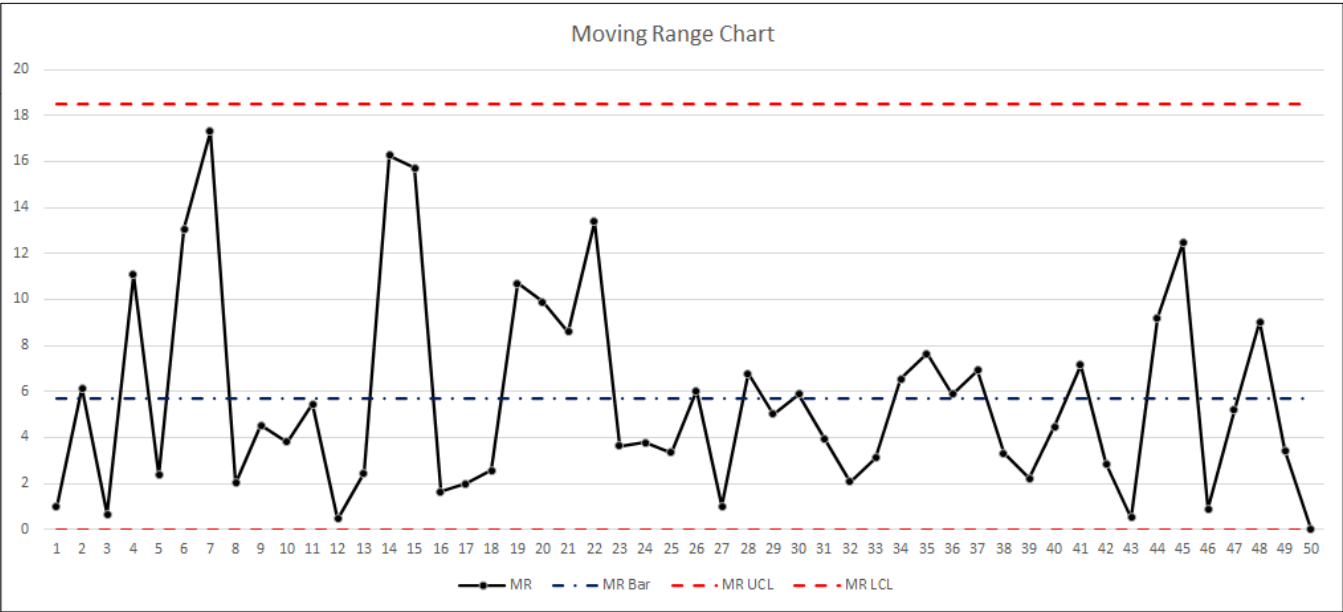
AVERAGE

LOWER CONTROL LIMIT



CENTERING OF THE DISTRIBUTION OF THE DATA

MOVING RANGE CHART



MONITORS THE RANGE / WIDTH OF DISTRIBUTION

SMART GROWTH HACKS



DEDICATED TO YOUR CAREER SUCCESS