



Lean Six Sigma – Green belt



Business process management

15-17 September 2019
Dubai, UAE

KPMG Business Academy





Key learning benefits:



Improved managerial and leadership abilities



Knowledge needed to adopt a structured, disciplined and data-driven approach



Develop the ability to formulate fact-based decisions in mitigating identified pain areas



Course overview

This three-day course has been designed to provide participants with the knowledge and skills to contribute to their organization's success. This training also seeks to help participants ensure that processes in place yield the desired results while using the Lean Six Sigma methodology.



Course key learning

This course provides participants with an understanding of how to:

- Use data to draw business conclusions
- Analyze current trends and metrics
- Conduct in-depth cause analysis and initiate performance improvement
- Use statistical tools
- Deliver processes that contribute to the growth of organizations
- Devise ways for businesses to be more cost effective and competitive



Who should attend

This training is highly recommended for professionals involved in:

- Process control and quality
- Project management
- Improvement initiatives.

It is also suitable to aspiring business leaders and those who have an interest in data analytics, research and process re-engineering

The training is suitable for professionals from various sectors, including logistics, manufacturing, healthcare, hospitality, banking and finance, defense, education, auto-mobile and telecom.



Meet your course leader



Vaibhav Agarwal

Associate Director, Business Excellence
KPMG

Vaibhav is a key member of the Business Excellence practice within KPMG and has wide experience in training and consultation on Lean Six Sigma methodologies, process design and re engineering, value stream mapping and various other quality tools.

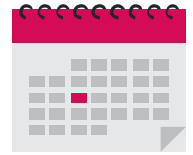
He has over 11 years experience and has coached several engagements and mentored numerous projects for core functions of production, as well as non core functions of finance, HR, administration, across various sectors.



Certificate criteria

Participants would be awarded KPMG certificate of completion on meeting the below mentioned criteria:

- 100% attendance for the session
- Scoring 65% and above in the final assessment



Day one

Overview on Six Sigma

- Six Sigma history
- Quality leaders
- DMAIC versus DMADV

Define phase

- Voice of customer (VOC)
 - Understanding your customer
 - Affinity diagram
 - Kano model
- Determine CTQ
- Develop the project charter
 - Six Sigma team
 - Elements of project charter
- Map the processes
 - SIPOC
- Exercise on the elements of project charter; SIPOC

Day two

Measure phase

- Types of data
- Data distribution
 - Characteristics of variable data
 - Histogram
 - Measures of central tendency
 - Measures of dispersion
 - Standard deviation
 - Normal distribution and properties
 - Box plot
- Introduction to Minitab – *Exercise*
- Develop data collection plan
- Validate measurement system
 - Overview on measurement system analysis
- Determine process capability
 - Overview on process capability

Analyze phase

- Identify possible causes
 - Segmentation and stratification
 - Cause and effect diagram
 - Pareto diagram
 - Control impact matrix
- Process analysis with Lean
 - Overview of Lean
 - Principles of Lean thinking
 - Types of wastes
 - Value stream mapping with simulation case

Day three

Analyze phase

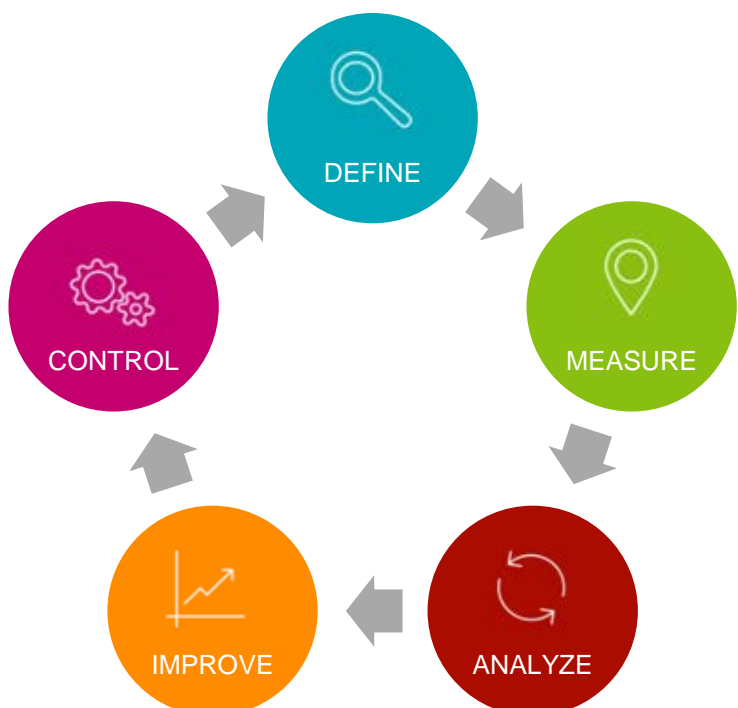
- Hypothesis testing
 - Overview on hypothesis testing
 - Tests of means (Tests of means, ANOVA)
- Correlation and regression analysis
 - Scatter plot
 - Correlation analysis
 - Regression analysis

Improve phase

- Generate solutions
 - Brainstorming techniques
 - Prioritizing solutions
- Select solutions
- Refine solutions
 - Poka Yoke/ Mistake proofing
 - Failure Mode and Effect Analysis (FMEA)
- Test solutions
- Justify solutions

Control phase

- Introduction to SPC
 - Types of control charts
- Response plan and documentation
- Case study covering all aspects of the training



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15-17 September 2019
8:30am-4:30pm
Dubai, UAE

Early bird (before 15 August 2019)*	Participant fee*
US\$1,895	US\$2,095

** Please note that the fee quoted is exclusive of VAT and the fees for the course will be increased by the quantum of VAT, as applicable under the law.*

All registrations are subject to our terms and conditions, available at <http://kpmgbusinessacademy.kpmguae.com/TermsandConditions.aspx>. By submitting your registration you agree to be bound by the terms and conditions in full.



Please bring a laptop for the workshop. You should have the administrative rights to use certain software's.



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Three ways to register:



| [Register](#)



| ae-fmkpmgacademy@kpmg.com



| **+971 4 356 9616**

Certificate

Participants who attend all sessions will be awarded a KPMG certificate of completion after the training.

Payment

To reserve a seat, please complete a registration form and pay the full fees before the due date. All registrations are subject to acceptance by KPMG and will be confirmed in writing.

Cancellation

If after having registered and paid for a place, you are unable to attend the course, a substitute delegate is welcome to attend in your place. Fees canceled seven days or less before the course begins are payable in full.

KPMG reserves the right to cancel this course, change its date or alter the venue, speakers or topics.

Customized training solutions

To create a more tailored learning experience, you may want to run this course in-house. Please contact Saravanan Selvan to discuss further:

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