



Course Material + Data Files
+ Course Fee + Certification
= ~~INR 10800~~ **INR 4900/-**

STATISTICAL DATA ANALYSIS

ONLINE CERTIFICATION TRAINING

Learn from the Experts!



Data Analysis Basics

This program covers the basics of Data Analysis. Don't worry about your current proficiency.



Green Belt Level

It will help you perform all the statistical analysis required for a Six Sigma Green Belt Project.



Minitab / MS Excel

Choose between Minitab or MS Excel - Two different batches

Join Us to Become CSense Certified Professional!

Minitab Batch : July 31 & Aug 1 - 6 pm to 9.30 pm

Excel Batch : Aug 1 & 2 - 9.30 am 1.00 pm

COURSE CONTENTS

MINITAB BATCH

Types of Data

Data Collection & Display

- Frequency Table
- Concentration Diagrams
- Stem and Leaf Diagrams
- Frequency Distribution
- Histogram

Descriptive Statistics

- Definitions
- Population and Sample

Properties of data

- Central Tendency
- Dispersion

Introduction to Minitab

- Descriptive Statistics using Minitab

Basic Data Analysis Tools

- Histogram
- Pareto Analysis
- Box Plot

Inference from Data

- Inferential statistics
- Probability & Normal Distribution

Understanding Behaviour of collected data

- Trends & Patterns in Data
- Variation & its consequences
- Test for Normality

SPC Overview & Control Charts

- Types of Control Charts - Applications
- I Chart
- X-bar - R Chart

Regression Analysis

- Scatter plot
- Regression equation
- Linear & Non-linear regression models

Hypothesis Testing

- 1 sample t test
- 2 sample t test
- ANOVA

MS EXCEL BATCH

Types of Data

Data Collection & Display

- Frequency Table
- Concentration Diagrams
- Stem and Leaf Diagrams
- Frequency Distribution
- Histogram

Descriptive Statistics

- Definitions
- Population and Sample

Properties of data

- Central Tendency
- Dispersion

Introduction to Minitab

- Descriptive Statistics using MS Exel

Basic Data Analysis Tools

- Histogram
- Pareto Analysis

Inference from Data

- Inferential statistics
- Probability & Normal Distribution

Understanding Behaviour of collected data

- Trends & Patterns in Data
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SPC Overview & Control Charts

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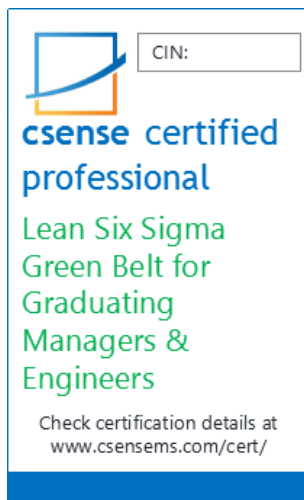
Regression Analysis

- Scatter plot
- Regression equation
- Linear regression model

Hypothesis Testing

- 1 sample t test
- 2 sample t test

CSense CERTIFIED PROFESSIONAL



We certify every participant qualifying the requirements of the course, with unique Certification Identification Number (**CIN**).

In addition to the certification, we also provide a Certification Soft-Badge to qualifying participant with CIN.

Trace the authenticity of your certificate, with details of course, duration, dates of training undergone, etc. Help your superiors or recruiters to trace your certification details at www.csensems.com/cert with you CIN.

ABOUT CSense

CSense Management Solutions Pvt Ltd is Mumbai based Consulting and Training Company supporting clients in process Quality & Productivity improvements thru Lean Six Sigma and Kaizen. For more details visit us www.csensems.com

OUR SELECT LIST OF CLIENTS

 Hewlett Packard Enterprise		 WORLD BANK GROUP	 TITAN COMPANY	 CAPITAL FOODS PRIVATE LIMITED
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 Nifco	 JM Johnson Matthey Inspiring science, enhancing life	 CII Confederation of Indian Industry	 Quality Circle Forum of India Mumbai Chapter	 ITM-TRUST

FACULTY - LS KANNAN

Business Consultant, Lean Six Sigma Kaizen Expert, Trainer, Author, Leadership Speaker & Coach

www.linkedin.com/in/lskannan



Academic Credentials

Postgraduate in Chemistry, Gold Medallist in UG.

Master Black Belt in Lean Six Sigma

Certified Lead Auditor for ISO 9001

MBA in General Management

Professional Credentials

Visiting Faculty at ITM Group of Institutions, Navi Mumbai & at KLN College of Engineering, Madurai

Empanelled Lean Manufacturing Consultant with National Productivity Council (NPC)

Certified Master Trainer for ZED Program of Ministry of MSME

Empanelled faculty at CII, Centre for Manufacturing Excellence, Vikhroli, Mumbai.

Expertise

Implemented 150+ Lean Six Sigma Green Belt Projects, 25+ Black Belt Projects, and trained 3000+ Green Belts, 100+ Black Belts.

Handled 40+ Lean Transformation Projects based on Kaizen Approach in India's Top 500 firms to SME's.

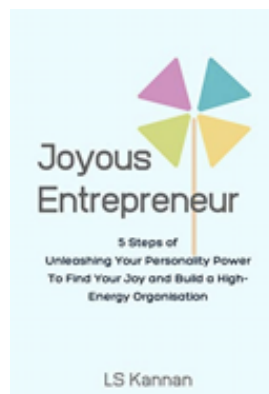
Consulting experience with more than 60 Small Businesses

Delivered more than 400 training programs

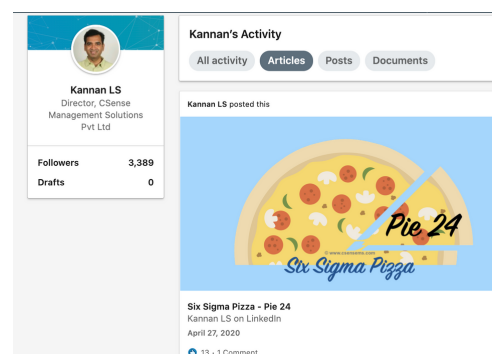
Books and Publications



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Course Material, Data Files and Live Course Link will be shared to your registered e-mail ID