



# ERP controls optimization

Virtual online training

**Oracle ERP Insights – Controls Optimization and Data Analytics**



ERP controls optimization and auditing

**06-10 September 2020**

**KPMG Business Academy**





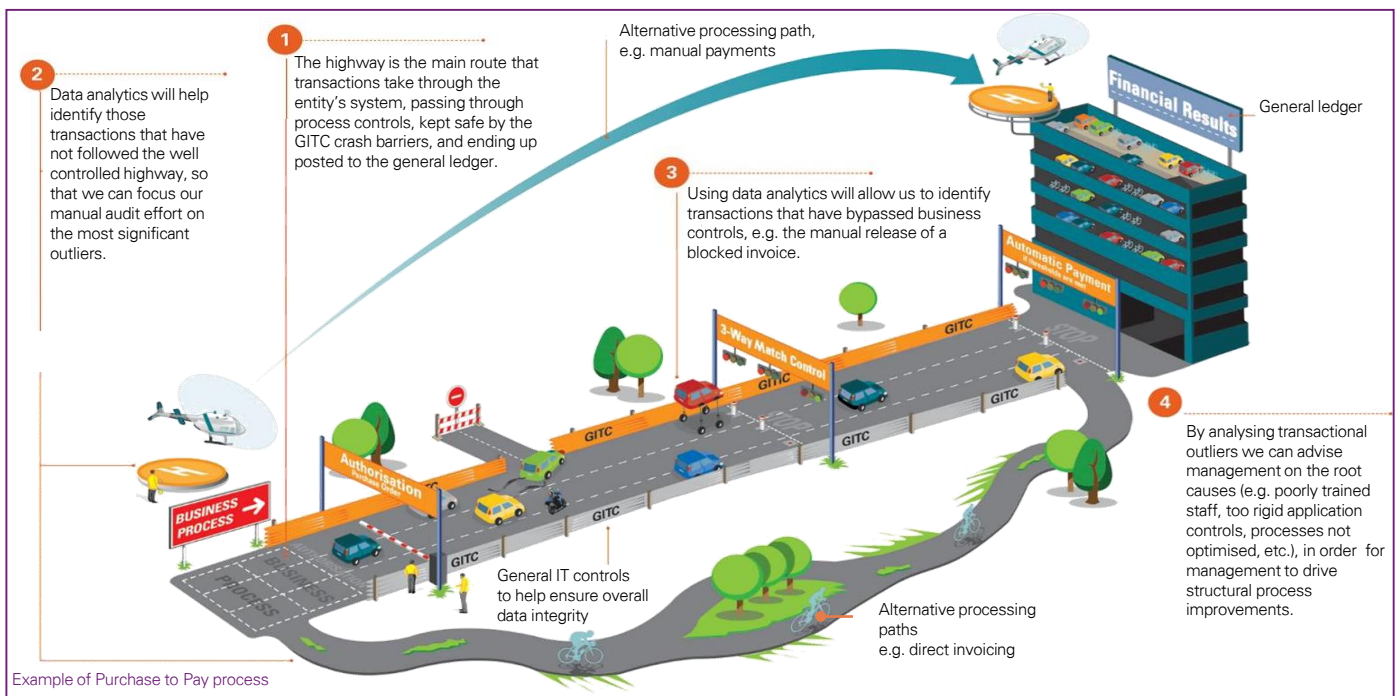
# Oracle ERP – Controls optimization and data analytics

With ever increasing complexities of technology, supervoluminous data and growing statutory and regulatory compliance requirements, there are always questions or concerns about optimal usage of ERPs to get the best return on investments made in technology. This course is designed to help you understand the complexities of technology and integrating it with financial and accounting concepts. Additionally, it will cover how to make the best use of the most valuable currency of today, data, in an Oracle ERP environment.

## The highway metaphor

Our 'highway' diagram explains how data analytics and/or continuous control monitoring can be used to:

- Identify and quantify the different processing paths within an end-to-end process
- Automate substantive testing
- Identify where and where controls have been bypassed
- Identify and test application and general IT controls
- Trace exceptions back to root causes



### Digitalized content

Course content is digital, accessed online through your browser on desktop or mobile devices.



### Engaging

Interact directly with the trainers and fellow peers throughout the course



### Instructor-led

Experience engaging live instructor-led training with an experienced subject matter experts

# Oracle ERP – Controls optimization and data analytics

## Key learning benefits:



Analyze general IT controls and business controls in Oracle ERP



Establish relationships between an organization's business processes and its risks



Understand how controls and data analytics in Oracle ERP can be used to secure business and establish best in class governance.

## Meet your course leaders



**Sayan Chatterjee**  
Senior Manager | IRM  
KPMG UK

A senior manager at KPMG UK, Sayan has 13 years of professional experience with big four firms and has worked with some of the biggest public listed clients in UK, India and US in the field of Oracle.

Sayan has extensive experience in business risk & controls assurance, and SOX process reviews, and has served a wide range of clients. Sayan specializes in process and controls review assignments in Oracle e-business security as well as in project management for data analytics related to Oracle, for end to end processes around purchase to pay, order to cash, acquire to retire and record to report. Sayan also has expertise in the area of security and controls around the Oracle database, SQL database and all types of Unix (Linux, Solaris).



**Asmita Singhvi**  
Senior Manager  
Data and Analytics and IRM  
KPMG Lower Gulf

A senior manager at KPMG Lower Gulf, Asmita has eight years of professional experience with big four firms and has worked with some of the biggest clients in India and UAE in the field of Oracle.

Asmita has extensive experience in data quality assessments, data migration assessment, audit data analytics, and data visualization.

Asmita has served a wide range of clients from various industries and sectors. She brings in practical project management expertise having delivered numerous audit data and analytics projects for end to end processes around procure to pay, order to cash, acquire to retire and record to report.



### Course overview

This course will enable you to effectively implement and test controls in Oracle ERP to mitigate various risks and to help in eliminating control deficiencies so as to reduce company's risk exposure. It also enables you with simple Data and Analytics procedures to optimize process flows in Oracle ERP environment. Practical industry case studies will be covered in order to effectively apply it to your role.



### Who should attend

This course is designed for business professionals in internal audit, internal controls, financial governance, risk and compliance, and financial reporting roles as well as Oracle ERP users in organizations who use Oracle ERP to generate their financials and in day to day operations while maintaining data quality.



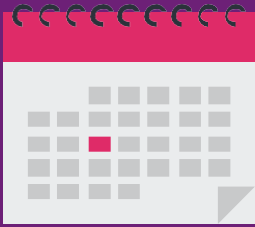
### Course prerequisites

The course entails extensive use of Oracle ERP and data analytics using SQL, so a working knowledge of Oracle ERP and SQL would be beneficial to optimally benefit from this course



### Software requirements

Kindly bring a laptop with the Oracle ERP/ PLSQL version you use on a day-to-day basis. It is recommended to have a test/clone of Oracle ERP with a system administration module to make the most of the practical sessions.



# Course outline

## Day one – 6 September (4 hours session)

### Introduction

- An overview of Oracle ERP, its architecture and design, Oracle database and data flow
- Different application suites of Oracle and their capabilities
- How these application suites integrate with one another
- Oracle controls environment overview
- Oracle ERP organization structure

### Accounting concepts and general ledger

- Basic accounting concepts
- How the Oracle ERP feeds into the final balance sheet and P&L statement
- Oracle controls environment overview
- Sub ledger and accounting concepts on Oracle ERP
- Data analytics procedures for data quality assessments and exception reporting to identify control deficiency in the general ledger accounting process

## Day two – 7 September (4 hours session)

### Oracle ERP general IT controls

- Introduction to general IT controls
- Considerations in Oracle ERP for access to program and data
- Considerations in Oracle ERP for change management
- Limitations of change management in Oracle ERP and ways to overcome the same

## Day three – 8 September (4 hours session)

### Recap of the concepts learnt and short assessment of general IT controls

### Procure to Pay

- Typical cycle preview of procure to pay in Oracle ERP
- Control considerations in Oracle purchasing, inventory and payables
- Burning issues in Oracle ERP P2P like 3 way match and override
- D&A procedures for data quality assessments and exception reporting, process to identify control deficiency

## Day four – 9 September (4 hours session)

### Acquire to retire

- Typical cycle preview of acquire to retire (fixed assets) cycle in Oracle ERP
- Control considerations in Oracle fixed assets management and Inventory
- Burning issues in A2R like useful life changes
- D&A procedures for data quality assessments and exception reporting, process to identify control deficiency in acquire to retire cycle

### Inventory

- Typical cycle preview of inventory management in Oracle ERP
- Control considerations in Inventory management.
- Integration to third party and other consolidation tools

## Day five – 10 September (4 hours session)

### Recap of the concepts learnt

### Order to cash

- Typical cycle preview of order to cash in Oracle ERP
- Control considerations in Oracle order management, inventory and receivables
- D&A procedures for data quality assessments and exception reporting

### Practice in ERP, controls audit and DA

- Using sand box environment to have a hands on experience in testing controls, performing audit in oracle ERP
- Basic D&A practice
- Basic visualization to identify trends and patterns
- Data visualization for reporting insights generated through data and analytics

# ERP controls optimization

**20 hours of training conducted over 5 days**

**06-10 September 2020  
9:00am-1:00pm**

Early bird (before 05 August 2020)*	Participant fee*
US\$1,695	US\$1,895

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

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

The training will be delivered live and online via video conferencing. A good internet connection is required, along with a quiet room, microphone and webcam. On registration, you will be sent the joining instructions. To join the session, click on the link provided in your joining instructions email.



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## Three ways to register:



| [Register](#)



| [ae-fmkpmgacademy@kpmg.com](mailto:ae-fmkpmgacademy@kpmg.com)



| +971 4 356 9616

## Certificate

Participants who attend all sessions will be awarded a KPMG certificate of attendance.

## Payment

To reserve a seat at our courses, 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 with you in writing.

## Cancellation

If, 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:

**Saravanan Selvan**  
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