Profile

BUSINESS
Valuation

FINANCIAL
Modelling

DATA
Analytics

SAP FICO
Consulting

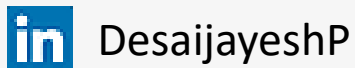## Jayesh P Desai & Co.
Cost Accountants

www.jayeshdesai.com

CMA Jayesh P Desai
Practicing Cost Accountant

FCMA, CFA, CISA
CIA, PMP, UCLA (PGPX)
Registered Valuer (IBBI)

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 DesaijayeshP

- Practicing Professional (Since 2017)
  - Business Valuation
  - Data Analytics – Product Costing, Pricing & Profitability Analysis
  - SAP Consulting & Training
- Key Accomplishments
  - Developed Financial Model for Start-up in areas such as Blockchain, AI, Data Analytics, Gaming, Online Education, E-commerce, Electric Vehicle
  - Valuation of early and funded start-up, matured companies, CIRP under Companies Act, FEMA, IBBI and other needs
  - Data Analytics for manufacturing companies in power, Consumer Durables, Injection Molding, Textiles
  - SAP trainer for Institute of Cost Accountants of India. Conducted 2 sessions of 60 hours each with 150 participants
  - Conducted several Webinars on SAP for Finance Professionals for over 200 participants
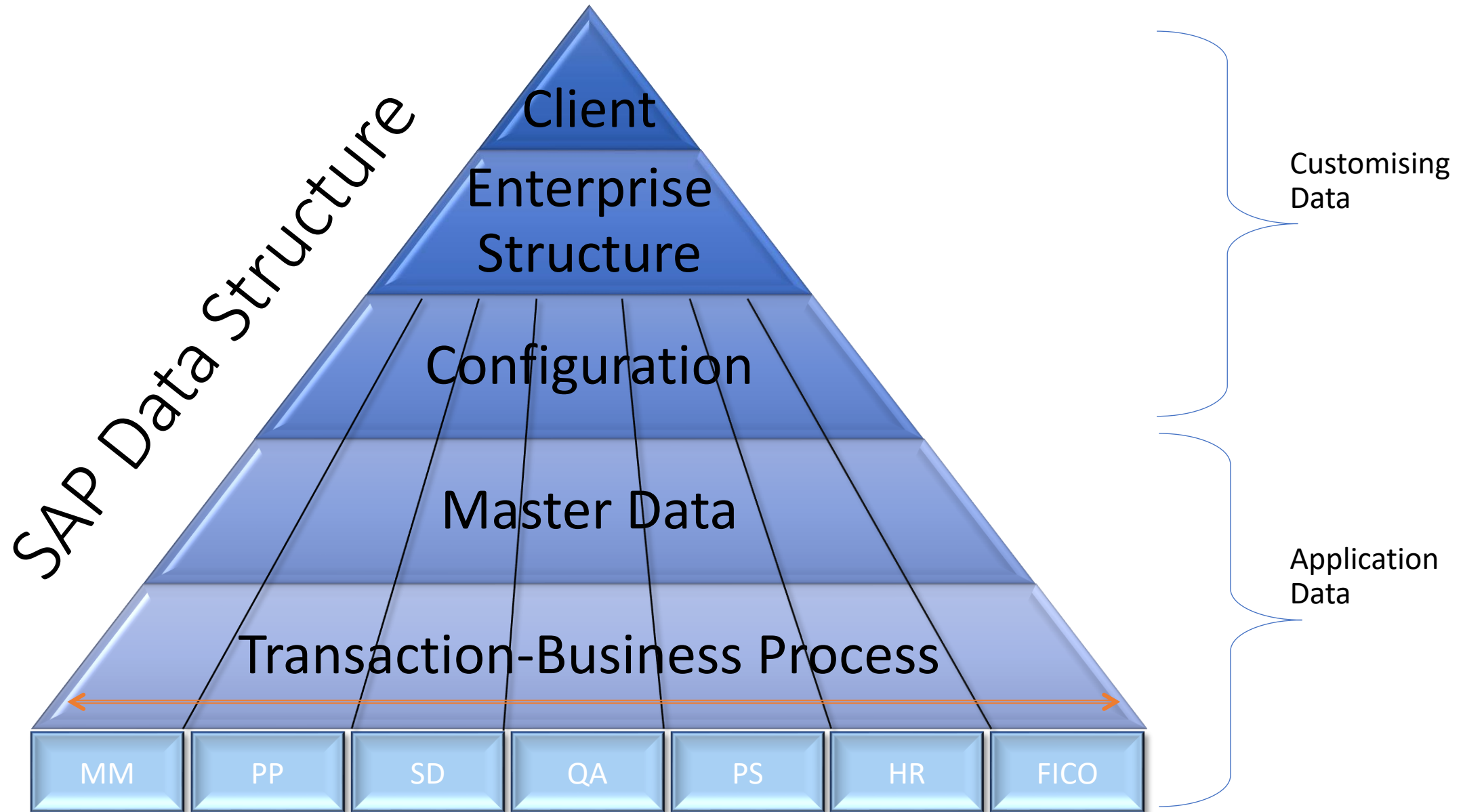
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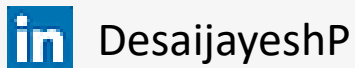
- Corporate Professional (1991-2016)
  - Financial Accounting, Product Costing, Profitability Analysis, Internal/ System Audit, Corporate Restructuring
  - SAP Implementation, Data Analytics, Project & Delivery Management
  - Building Global Teams & Leadership, Leading Innovation
- Key Accomplishments
  - Worked with General Mills, IBM, Colgate, Bayer, Shaw Wallace, General Motors
  - Over 20 years SAP experience as delivery manager, consultant and power user
  - Implemented 4 SAP FICO projects with integration
  - Domain experience in Finance & Controlling in SAP environment
  - Specialised in SAP Controlling (CCA, PC, COPA, PCA)
  - Lead & Delivered global SAP & Data Analytics projects. Managed Global Teams in India, US, UK
  - Lead Innovation and Data Analytics initiatives across various functions and countries

SAP Data Structure

- Client
- Enterprise Structure
- Configuration
- Master Data
- Transaction-Business Process

MM | PP | SD | QA | PS | HR | FICO

Customising Data

Application Data

Client

- **Client** is a 'Customer' in SAP, each customer maps to one client.

- Within one SAP instance, a number of Clients can be created.

- No need to install separate software for each and every customer. It provides isolation, one client cannot see the data of another

- Clients help establish SAP landscape – development, test and production

SAP Instance
200   100
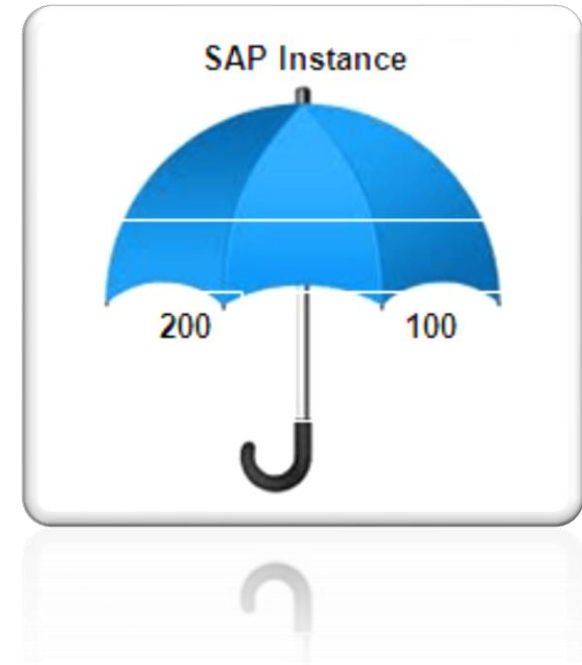
IMG

- IMG or SPRO or Configuration is where all changes are made to SAP system

- Before you can use the SAP software to control the business processes in your company, you must first adapt it to your own business needs. This is done in an SAP implementation project.

- Even after you start using the system productively, you still need to make changes to the SAP configuration. This may be due to business or organizational changes in your company, or due to the implementation of new SAP functions. This is often linked to an upgrade to a new SAP Release.

IMG

- The changes that you make in the IMG are placed in the Customizing tables of the SAP database. The contents of these tables are known as Customizing data. When you use the SAP applications productively, the SAP runtime system analyzes this Customizing data and uses it to control your business processes.

- Most Customizing data is client-specific. This means that you can choose different Customizing settings for each client in your SAP System that do not affect each other. Changes to the Customizing settings in one client have no effect on system actions in another client.

- However, there is also a significant amount of cross-client Customizing data that is relevant for all clients (such as the factory calendar). These settings are called cross-client Customizing. Note that if you change these types of Customizing settings, it affects all clients in the SAP System.

ABAP Workbench

- ABAP Workbench includes tools for defining data structures (ABAP Dictionary), developing ABAP programs (ABAP Editor) and designing interfaces (Screen Painter and Menu Painter), as well as many other functions.

- Develop your own report programs or transactions, or to modify or make your own enhancements to existing SAP programs. These enhancements are known as customer exits. However, this does require experience of the ABAP Workbench and the SAP application where you want to develop.

- Changes that you make in the ABAP Workbench are placed in the Repository tables of the SAP database. The contents of these tables are known as Repository data or Repository objects. Apart from a few exceptions, the Repository data is cross-client. As with cross-client Customizing, changes to Repository objects affect all clients of an SAP System.

Landscape

- Arrangement of the SAP servers in an organisation
- By default, three Landscapes
- Development
  - Sandbox Client
  - Golden Client
  - Unit Testing Client
- Quality
  - Integration Testing Client
 - Training Client
- Production
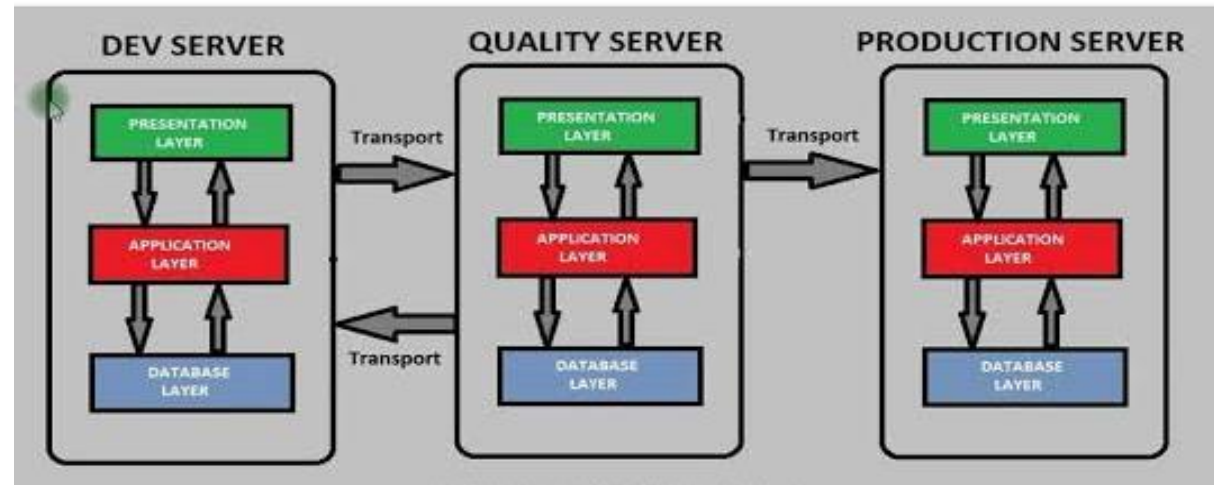
Landscape

- Development Server is an environment in which SAP consultants develop their solutions and conduct unit testing to test the working of the changes made to configuration or program.

- After unit testing is successful, change done in the Development Server is transported to the Quality Server. Quality Server is an environment in which end-user or power user conducts testing on data that is closer to production data. Once user group is satisfied that the new development meets their requirement, development is transported to Production Server

- Production Server is the live environment in which all the business transactions are being carried out. Once the go ahead is received after quality testing, change is moved to Production System.

Change & Transport System (CTS)

- CTS is the central tool for managing changes to Customizing and Repository data that you make in the IMG or ABAP Workbench.

- CTS records all changes in change requests. The changes in change requests can be linked together logically, or can be completely independent of each other. Developers in a team can use a common request. You can create documentation for a change request, where you can describe your changes in more detail. This makes it easier to see which data was changed by which user, and to what purpose.

- Change request is then used to copy the changes from this client to other clients or systems. This automatic procedure is known as a transport.

- Transports of changes by the CTS allow you to develop in one environment, test your development work in a test environment, and then, if the tests are successful, use it productively. This makes sure that productive operations are not placed at risk by faulty settings or program errors.

- All transports are logged, so that you can see when a change request was imported into a client or system, and whether there were any errors.

SAP Solution Manager

- SAP Solution Manager enables customers to manage their SAP and non-SAP applications in a better way. It allows to centralize, enhance, automate, and improve the management of the entire system landscape, thus reducing total cost of ownership. SAP Solution Manager also supports customers in adapting the landscape to new requirements, for example implementing new business processes.
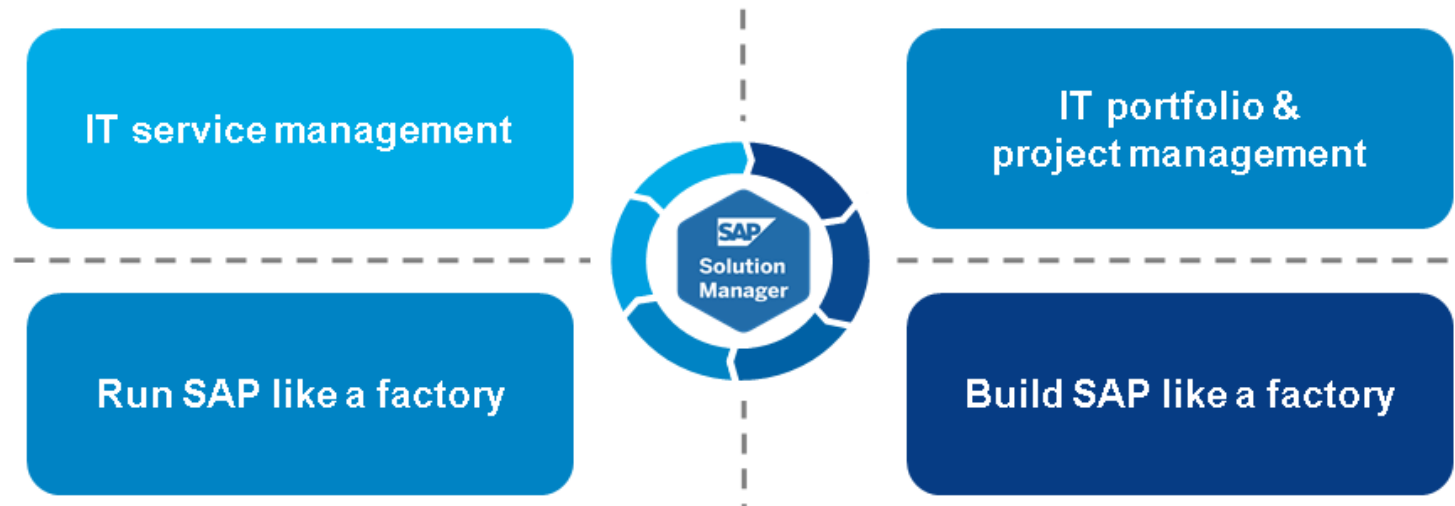
SAP Solution Manager Covers

- Identification and documentation of as-is critical business processes for SAP solutions, including partner components, custom code, and interfaces

- Identification of business needs, and preparation of realization via collaborative processes

- Alignment of new requirements with enhancements delivered by SAP and partners

- Specification of custom developments and documentation of code developed, definition of unit test requirements for custom code

- Configuration of project scope, adaptation of standard SAP process documentation to custom solution, definition of unit test requirements

- Definition of integration testing requirements and test scope, based on change impact analysis, development of automatic and manual test cases, management of testers, and comprehensive reporting of test progress and results

- Continuous control of mission-critical processes, interfaces, components, and jobs, based on business-driven key performance indicators (KPIs)

- Integrated solution-oriented incident management, from customer to SAP and partners, via the SAP Global Support Backbone, backed by service level agreements (SLAs)

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SAP4Me

Thanks!