GLOSSARY OF SAP S/4HANA DATA MIGRATION CONSULTANT

A Quick Reference Guide to SAP Terminologies

Concept/Term	Definition
SAP S/4HANA Data Migration	The process of transferring data from legacy systems or external sources to SAP S/4HANA, ensuring the integrity and compatibility of the data with the new system.
Data Migration Project	A project focused on moving data from old systems to SAP S/4HANA, involving planning, execution, and validation stages.
Legacy System	An old or outdated system that is being replaced or upgraded during the data migration process to SAP S/4HANA.
ETL (Extract, Transform, Load)	A process in data migration where data is extracted from source systems, transformed into the required format, and loaded into SAP S/4HANA.
Data Mapping	The process of aligning data fields from the legacy system to the corresponding fields in SAP S/4HANA, ensuring compatibility and correct transfer.

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SAP S/4HANA Data Migration Consultant Key Concepts

Concept/Term	Definition
Data Cleansing	The process of cleaning data by identifying and correcting inaccuracies, inconsistencies, and errors before migration to SAP S/4HANA.
Data Transformation	The process of converting data from one format to another during migration, ensuring it fits SAP S/4HANA's data structures and requirements.
Data Validation	The process of ensuring that migrated data is accurate, complete, and conforms to predefined quality rules and business requirements.
Migration Strategy	A plan that outlines the steps, tools, and techniques to be used for the data migration process from legacy systems to SAP S/4HANA.
Data Quality	The measure of the accuracy, consistency, completeness, and reliability of data being migrated to SAP S/4HANA.

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Cutover Plan	A detailed plan for the final transition from the legacy system to SAP S/4HANA, including data migration, testing, and system go-live.
Go-Live	The point at which SAP S/4HANA is fully operational and the migrated data is live in the system, allowing business processes to begin.
Pre-Migration Assessment	A process of evaluating the current data environment, identifying challenges, and preparing the necessary infrastructure for data migration to SAP S/4HANA.
Post-Migration Testing	The testing phase after migration to validate that the data has been transferred correctly and the system is functioning as expected.
Data Load	The process of moving data into SAP S/4HANA after transformation, ensuring that it is stored in the correct format and location.

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Concept/Term	Definition
Data Extraction	The first step in the data migration process where relevant data is extracted from source systems for use in SAP S/4HANA.
Data Transfer Tools	Tools used to facilitate the movement of data from legacy systems to SAP S/4HANA, including SAP Data Services, LSMW, and other migration solutions.
LSMW (Legacy System Migration Workbench)	A SAP tool used for migrating data from legacy systems into SAP S/4HANA, particularly for master data and transactional data.
SAP Data Services	An SAP tool used for data integration, transformation, and migration, ensuring that data is clean, complete, and ready for loading into SAP S/4HANA.
Data Mapping Template	A structured document used to define how data from source systems will be mapped to target fields in SAP S/4HANA during migration.

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Concept/Term	Definition
Data Replication	The process of continuously copying and synchronizing data from one system (like a legacy system) to SAP S/4HANA, ensuring consistency during migration.
Data Migration Cockpit	A tool within SAP that helps manage and monitor data migration projects, providing a centralized platform for migration activities and progress tracking.
Test Migration	A trial run of the data migration process where sample data is migrated to validate the approach, tools, and mapping before performing the full migration.
Data Integrity	Ensuring that the data transferred from legacy systems into SAP S/4HANA is accurate, complete, and unchanged, preserving its business value.
Business Data Objects (BDO)	A conceptual framework used to define business data structures and objects that are important for migration from legacy systems to SAP S/4HANA.

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Concept/Term	Definition
Full Data Migration	A complete migration of all data from legacy systems to SAP S/4HANA, including master data, transactional data, and historical records.
Incremental Data Migration	A phased approach to data migration where data is transferred in increments, allowing for ongoing testing and validation before the final cutover.
Data Migration Template	A predefined document or model that outlines the steps, methods, and mappings required for a successful data migration to SAP S/4HANA.
Change Management in Data Migration	The process of managing changes during data migration, ensuring that the right processes, tools, and teams are aligned to handle unexpected changes.
Master Data Migration	The process of transferring key business information (e.g., customer, product, supplier data) from legacy systems to SAP S/4HANA.

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Concept/Term	Definition
Transactional Data Migration	The process of migrating transaction-specific data, such as sales orders, purchase orders, and invoices, from legacy systems to SAP S/4HANA.
Historical Data Migration	The process of moving historical data (e.g., past transactions, audit records) into SAP S/4HANA, ensuring that historical data is available for reporting.
Migration Testing Strategy	A comprehensive plan that outlines the testing phases, test cases, and data validation techniques to ensure successful migration of data to SAP S/4HANA.
Data Migration Risk Management	Identifying and managing risks associated with the data migration process, including data loss, system downtime, and unexpected failures.
Data Transformation Rules	Set of rules applied during the data migration process to convert, clean, and align data according to the requirements of SAP S/4HANA.

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SAP S/4HANA Data Migration Consultant Key Concepts

Concept/Term	Definition
Reconciliation of Data	The process of comparing migrated data with original data to ensure consistency, accuracy, and completeness before finalizing the migration process.
Data Migration Toolset	A collection of tools used to facilitate the extraction, transformation, loading, and monitoring of data migration projects, such as SAP Data Services and LSMW.
SAP HANA Data Migration	The process of migrating data to the SAP HANA database platform during the transition to SAP S/4HANA, including data optimization for HANA.
Data Migration Challenges	Common issues and obstacles encountered during data migration, such as incompatible data formats, data corruption, or inadequate transformation processes.
Data Mapping Validation	The process of ensuring that the mapping between source data and target data fields is correct, ensuring accurate data transfer and system functionality.

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Concept/Term	Definition
Data Migration Timeline	A schedule that outlines the key milestones and activities during the data migration process, from planning to post-migration support.
Data Cleansing Tools	Tools used to identify and remove inaccuracies, duplicates, and inconsistencies in data before it is migrated into SAP S/4HANA.
Data Migration Rollback Plan	A contingency plan developed to revert to the original system or configuration if the data migration process encounters significant issues.
Data Transformation Mapping	The process of defining how source data will be transformed to fit the structure and format required by SAP S/4HANA during migration.
Cutover Execution	The final execution phase of the data migration process where legacy systems are decommissioned, and the SAP S/4HANA system becomes the active platform.

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SAP S/4HANA Data Migration Consultant Key Concepts

Concept/Term	Definition
Data Validation Rules	A set of predefined rules used to verify that migrated data meets quality standards and adheres to business requirements in SAP S/4HANA.
Data Migration Communication	The process of managing communication between project stakeholders, such as business users, IT teams, and consultants, during the data migration process.
Data Migration Reporting	Generating reports during and after data migration to monitor progress, identify issues, and ensure successful data transfer to SAP S/4HANA.
Data Migration Best Practices	A set of proven guidelines and methodologies to ensure a smooth and efficient data migration process, including risk management, testing, and quality assurance.
Data Migration Cutover Activities	Specific tasks performed during the final stages of data migration, ensuring the transition from legacy systems to SAP S/4HANA is completed successfully and on time.

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