

ANOVA SOLUTIONS

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SQL Server Performance, Integrations, and Data Reliability

Overview

Anova Solutions is a specialist SQL Server consultancy focused on making database workloads fast, reliable, and auditable. We deliver measurable performance improvements, robust staging/integration pipelines, and automated reporting with safe rollout and rollback scripts.

Core Services

- SQL Server performance tuning: query/procedure refactoring, indexing strategy, plan analysis, blocking/deadlock resolution.
- Data cleanup and reconciliation: deduplication rules, validation routines, audit trails, repeatable correction processes.
- Migrations and cutovers: large-scale data moves, backfills, schema evolution, and reconciliation reporting.
- Integrations and staging: accounting/ERP integrations (e.g., Sage Evolution) and API-based integrations (e.g., Acumatica).
- Automation: SQL Agent scheduling, DBMail/queue-based correspondence, maintenance and cleanup jobs (minute/hour/day/week/month).
- Auditing frameworks: rapid audit trigger generation for tables with configurable history capture.

Differentiators

- Deep SQL Server experience across legacy and modern environments (SQL Server 2000 through 2022+).
- Reliability-first delivery: baselining, controlled deployment, rollback scripts, and correctness validation.
- Integration discipline: staging, mapping, validation, retries, error queues, and reconciliation outputs.
- Scalable delivery model: senior-led architecture and QA, with additional vetted developers available for surge capacity.

Typical Engagements

- SQL Performance Sprint (5-10 business days): tune top offenders and deliver a documented improvement pack.
- Integration/Staging Pipeline (2-8 weeks): build robust, auditable imports/exports with reconciliation.
- Managed SQL Care Plan (monthly): ongoing health checks, tuning, reporting automation, and support hours.

Tooling and Technology

- Microsoft SQL Server, SSMS, Query Store/DMVs, SQL Agent, Service Broker, Database Mail (DBMail).
- ETL patterns: staging tables, validation layers, error logging/queues, idempotent loads.
- API integrations where required (including Google APIs) and ERP/accounting system integration patterns.

Next step: Email hennie@anova.co.za with your SQL Server version and your slowest report/procedure, and we will propose the fastest path to improvement.