

VaultDiff

Confidential Comparison Report · Analyst: Demo User

Analyst	Demo User	Run ID	1
Run (UTC)	2026-07-03 15:17:55 UTC	Tolerance	6 decimal places
Unique Key	customer_id	Checks Run	Structure, Data Types, Numeric, Values
Benchmark	champion_demo.xlsx		
SHA-256	44e6a4804933e11aeb8401683371b92e d1d2148305afb11c5891f3843c17212f		
Challenger	challenger_demo.xlsx		
SHA-256	ea209418a843d27bab4557e650a036a4 d66ae9a931c0f9e03691c5ee432a1228		

System-generated audit record

Run ID: 1
Comparison engine: VaultDiff v1.0
Executed at: 2026-07-03 15:17:55 UTC
Benchmark SHA-256: 44e6a4804933e11aeb8401683371b92e...
Challenger SHA-256: ea209418a843d27bab4557e650a036a4...
Rows compared: 100
Columns compared: 8
Tolerance mode: Global 6 decimal places
This record is system-generated and cannot be manually altered.

■ Overall: FAIL · 17 checks passed, 4 failed

Comparison Results

Structure		
Parameter	Benchmark	Challenger
█ Column count	8	8
█ Row count	100	100
█ Unique key	present	present
█ Customer ID dtype (key)	int64	int64
█ Customer ID value set (key)	100 unique	100 unique

Data Types		
Parameter	Benchmark	Challenger
█ Customer ID	int64	int64
█ Region	str	str
█ Product	str	str
█ Revenue	float64	float64
█ Units	int64	int64
█ Order Date	str	str
█ Status	str	str
█ Discount Pct	float64	float64

Numeric Columns		
Parameter	Benchmark	Challenger
█ Customer ID sum Tolerance: 6 decimal places (global)	5,050	5,050
█ Revenue sum Tolerance: 6 decimal places (global)	534,191.5	534,412.02 Δ = 220.52
█ Units sum Tolerance: 6 decimal places (global)	4,951	4,951
█ Discount Pct sum Tolerance: 6 decimal places (global)	14.9	14.900001 Δ = 0.000001

Text Columns		
Parameter	Benchmark	Challenger
█ Region	—	—
█ Product	—	—
█ Order Date	—	1 mismatches Keys: 33
█ Status	—	5 mismatches Keys: 5, 22, 37, 61, 89

Column Summary

■ Customer ID int64 All checks passed	■ Region str All checks passed
■ Product str All checks passed	■ Revenue float64 Sum mismatch: 534,191.5 vs 534,412.02
■ Units int64 All checks passed	■ Order Date str 1 value mismatch(es)
■ Status str 5 value mismatch(es)	■ Discount Pct float64 Sum mismatch: 14.9 vs 14.900001

Reviewed by: _____	Date: _____
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