

SQL Server → PostgreSQL Migration Pack

Checklists are go/no-go gates, not suggestions.

Pack	SQL Server → PostgreSQL Migration Pack
Document	Reconciliation checklist (16 checks)
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CHECKS**Checks**

Tick only with evidence attached.

- ☐ **Row counts match per table**
Source vs. target counts after final sync; partitioned tables checked per partition.
- ☐ **Checksum aggregates match**
Hash/checksum aggregates over all rows per table; zero tolerance.
- ☐ **Key ranges verified**
Min/max of primary keys and identity columns match; no gaps introduced by the load.
- ☐ **Numeric precision spot-checked**
money, decimal, and float columns sampled; rounding differences investigated, not assumed.
- ☐ **Datetime values spot-checked**
datetime/datetimeoffset values compared across DST boundaries and session timezones.
- ☐ **Unicode data spot-checked**
nvarchar/ntext content compared byte-for-byte on a sample including supplementary characters.
- ☐ **LOB data validated**
varbinary(max)/filestream/image columns checksummed; large objects counted.
- ☐ **NULL distribution compared**
Null counts per nullable column match; empty-string vs NULL semantics verified.
- ☐ **Collation-sensitive compare**
String ordering and equality spot-checked under the chosen PostgreSQL collation.
- ☐ **Sequence/identity values**
Current identity/sequence values carried over; next values won't collide.
- ☐ **Foreign keys validated**
All FK constraints validated on the target; orphans investigated.
- ☐ **Indexes & constraints parity**
Index, constraint, and trigger counts match; definitions diffed.
- ☐ **Row-level sampling**
Random row samples compared field-by-field on critical tables.
- ☐ **Exception log reviewed**
Load/CDC exception logs empty or every exception explained and resolved.
- ☐ **Application smoke queries**
Top application queries return identical result sets on source and target.



Sign-off recorded

Reconciliation report signed by DBA and application owner before the flip.