

From Slow to Pro— PuppyGraph Accelerates Fraud Detection for a *Top Trading Platform*

Before PuppyGraph

- ✗ Unable to find a scalable, budget-friendly graph solution for fraud detection application.
- ✗ No graph database solutions meet scalability, performance, and budget requirements.
- ✗ Ended up building an in-house, offline system limited to 3-hop queries, taking 30+ minutes per request, plagued by batch timeouts and timed-out issues.

After PuppyGraph

- ✓ Transitioned to PuppyGraph for a **real-time**, online system, slashing query response times to seconds.
- ✓ Achieved rapid 5-hop queries in under **3 seconds** across 700 million edges.
- ✓ Smooth **1-day POC**; fully operational in less than 6 months.

