AML Transaction Monitoring

AML Screening Funnel

All Transactions
(10M/day)

Rule-Based Alerts
(50K)

ML Prioritized
(5K)

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(500)

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50
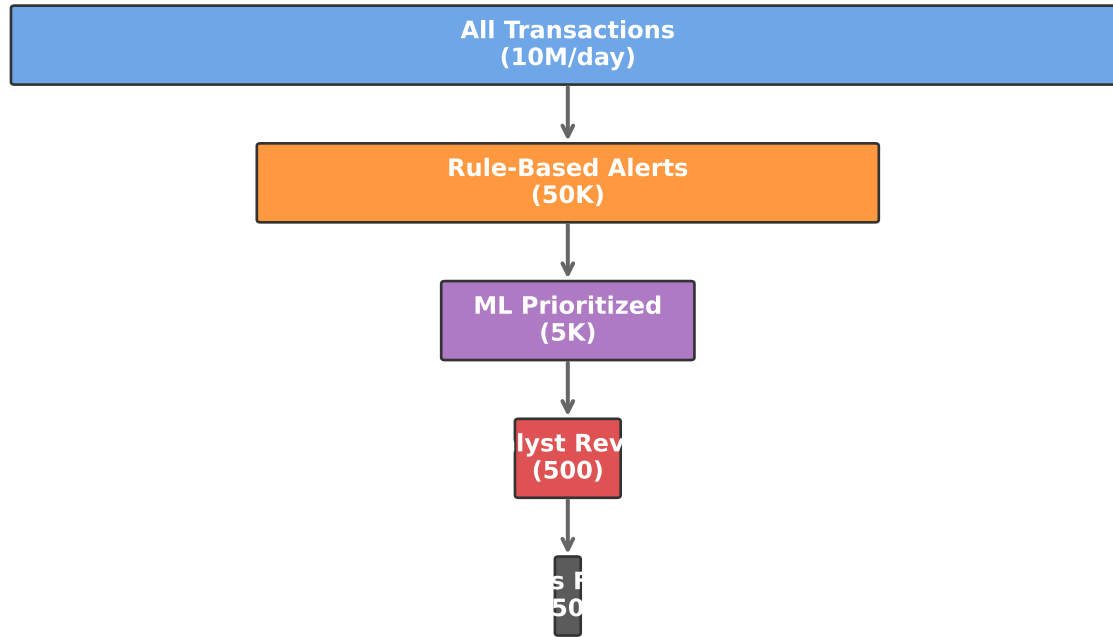
False Positive Rate: 95%+ at rule level
ML reduces by 90%

Alert Types & False Positive Rates

Legend:
- High FP (>90%)
- Medium FP (75-90%)
- Low FP (<75%)

Alert Type	Monthly Alert Volume	FP Rate
Large Cash Transactions	15000	96% FP
Structuring	12000	94% FP
Rapid Movement	8000	92% FP
High-Risk Country	7000	88% FP
PEP Matches	5000	75% FP
Sanctions Hits	3000	45% FP

[SYNTHETIC DATA]