

Why Leading Organizations Are Migrating FROM SAS to Python

Organizations across industries are modernizing their analytics infrastructure by migrating from SAS to Python-based platforms. The drivers are clear: immediate cost savings of 30-50%, performance improvements of 2-5x, and access to a broader talent pool.

Below are real-world examples of organizations that have successfully completed this transformation, achieving measurable ROI within 6-12 months.

Proven Success Stories

Organization	Industry	Platform	Cost Benefit	Key Benefit
Leading U.S. Bank	Financial Services	Dataiku + Databricks	Cost reduction + Enhanced performance	Full credit risk system modernized with cloud-native capabilities
Canadian Retail Bank	Financial Services	Databricks + Python	35% cost reduction + 3x faster processing	Migrated credit scoring and fraud detection models
Healthcare Analytics Leader (U.S.)	Healthcare Analytics	Python	Significant license savings + 99% output match	Replaced legacy SAS modules, accessed broader talent pool
Major Financial Services Provider (U.S.)	Financial Services	Python (Hybrid)	Significant ongoing cost reduction	Balanced modernization while maintaining regulatory compliance
Bayard (France)	Publishing	Dataiku (Python Based)	13x applicants + 42% faster campaigns	All 20+ automated campaigns running smoothly
Sanofi (France)	Pharmaceuticals	Dataiku (Python Based)	Significant cost savings + Improved efficiency	Centralized platform for clinical trials and R&D
AXA (France)	Insurance	Python + AWS	~40% reduction in licensing costs	Modernized actuarial and risk modeling workflows
European Banking Institution	Financial Services	Python	€600K recovered in <1 year + 5x faster	11 models migrated with 12-decimal-place accuracy
Ireland Central Statistics Office	Government	Python / Open Source	License cost risk mitigation	Reduced dependency on proprietary software licensing
Utility/Energy Sector Client (Europe)	Energy	Python	Significant license savings	Legacy system modernized, licensing costs reduced

✓ The Pattern is Clear

Whether financial services, healthcare, pharma, or government—organizations achieve consistent results: 30-50% immediate cost savings, 2-5x performance improvements, and full ROI within 6-12 months. The question isn't whether to migrate, but when and how.

Key Metrics & Financial Impact

Cost Savings Pattern

- **Licensing elimination:** 30-50% immediate savings (most consistent benefit)
- **Performance gains:** 2-5x faster execution common for standard analytics; 5-100x+ with distributed systems (Spark)
- **Annual recovery timeline:** 6-12 months for ROI through license savings alone

SAS License Costs (Annual, USD)

License Type	Estimated Cost Range
Base SAS (Desktop)	\$8,000 - \$12,000/user
SAS/STAT	\$10,000 - \$25,000
SAS/ETS / SAS/OR	\$12,000 - \$30,000
Enterprise Guide / Studio	\$15,000 - \$40,000/site
Server / Grid Licensing	\$100,000 - \$250,000+
Data Access Engines	\$3,000/engine

Note: SAS pricing is highly customized and varies by customer segment, negotiation, geography, and time period.



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What This Means for Your Organization

- ✓ **Proven ROI model:** Cost recovery within 6-12 months across all sectors
- ✓ **Risk-managed strategies:** Phased and hybrid approaches protect regulatory compliance
- ✓ **Enhanced scalability:** Handle larger datasets without proportional cost increases
- ✓ **Broader talent pool:** Modern Python stack reduces hiring constraints

Ready to Explore How Your Organization Can Achieve Similar Results?

Schedule a free 30-minute assessment to understand your potential savings, timeline, and migration strategy.

Book a call: <https://calendly.com/savantanalytics>

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