

Brochure

LTIMindtree Scintilla

Accelerate your SAS to Databricks Journey



About The Solution



LTIMindtree Scintilla converts SAS code to PySpark, seamlessly integrating with big data platforms like Hadoop and cloud environments while efficiently handling petabytes of data.



The solution analyzes individual scripts or entire projects, converting SAS code to PySpark and supporting unit testing with proper configuration.



LTIMindtree Scintilla offers direct integration with Databricks; the converted PySpark code is compatible with applications like Databricks, Jupyter, Zeppelin, and IDEs such as IntelliJ and PyCharm.



LTIMindtree Scintilla significantly reduces migration costs and is ideal for organizations migrating ETL or analytics engines to distributed environments.

Use Cases

Healthcare and life sciences organizations can leverage LTIMindtree Scintilla to:



Improve patient care by streamlining data analysis processes, with real-time insights from large datasets.



Accelerate clinical research by migrating legacy SAS systems to PySpark, reducing time-to-insight and enhancing data processing for drug development and trials.



Enhance operational efficiency by modernizing health data platforms, facilitating seamless integration and automation for scalable, cost-effective analytics.



Ensure medical regulatory compliance, allowing faster, more accurate reporting and supporting industry standards for the security and privacy of clinical and health records.

Features



Instant Analysis: Analyzes the SAS code base of any number of lines (of extensions .sas, .zip, and .egp) with ease.



Accelerated Migration: Scintilla automates SAS code conversion upto 90%, supporting a wide range of essential features like macros, procs, data steps, and functions



ACT Fast: ACT Fast (Analyze, Convert and Test), with ready-to-deploy docker image. Deploy anywhere and access from anywhere, securely.



Secure Access: Scintilla implements a robust authentication system, requiring user login and password credentials for access. This security measure ensures data integrity and protection throughout the integration and conversion process.

Value Prop



Proven Success in Healthcare: LTIMindtree has successfully implemented Scintilla for major healthcare and life sciences clients, saving millions in cost, improving scalability and efficiency.



Managed Service: Ownership and seamless support not only for code conversion but also the entire migration program across analysis, code conversion, validation, and deployment.



Better Predictability & Reduced Risk: Scintilla's extensive coverage of base and advanced SAS features for code conversion enables better predictability and reduced risk for the migration program.



Continuously Improving: Learnings from the past and ongoing healthcare and life sciences engagements have been codified into Scintilla, continuously improving its automation performance. Case in point – improved automation from 60% to above 90% while ensuring migration for a leading US healthcare company.



Flexible & Transparent: Scintilla is built leveraging open-source Python libraries, which provides transparency and the flexibility to customize it as per the requirements.

Benefits



Drastic reduction of manpower. Around **80%** of manpower can be reduced.



Reduction of code migration by **55%**



No additional proprietary software or heavy duty hardware like GPUs are needed.



Around **80 to 90%** of SAS code gets converted in an instant. Minimal manual intervention is required, which accounts to a meagre **10%**.



Can be deployed anywhere and anytime with ease without any special software or hardware.

Interested in seeing Scintilla in action? **Reach out** to us

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 84,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree – a Larsen & Toubro Group company – solves the most complex business challenges and delivers transformation at scale. For more information, please visit <https://www.ltimindtree.com/>.