# GenAI and ML Projects in Stock Borrow & Lending (SBL)

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| Company | GenAI Projects | ML Projects |
| J.P. Morgan | - | Short interest prediction via ML; Athena platform for SBL analytics |
| Goldman Sachs | NLP bots for lifecycle and operations messaging | Inventory optimization models using AI |
| Citi | - | Predictive fee engine for dynamic pricing |
| Barclays | - | ML-driven lending rate prediction |
| Morgan Stanley | - | Recall probability prediction using classification models |
| BNY Mellon | Exploring LLMs with EquiLend for lifecycle parsing | Trade lifecycle risk tracking using ML |
| Northern Trust | - | Near real-time fee reconciliation using AI anomaly detection |
| State Street | - | Middle-office lifecycle anomaly detection |
| BlackRock | - | Aladdin platform ML models for collateral optimization |
| HSBC | - | Regulatory-compliant collateral optimization using ML |
| UBS | - | Borrower segmentation using clustering (K-means) |
| Credit Suisse | - | Borrower risk profiling using behavioral ML models |
| EquiLend | Piloting GenAI/LLMs for trade lifecycle notes with BNY Mellon | Spire AI engine for lifecycle bottleneck prediction |
| Pirum Systems | - | Smart Analytics module for fee tracking and lifecycle automation |
| Broadridge | - | Fails prediction and exception handling using AI |
| Clearstream | - | Inventory signals and predictive insights using ML |
| Murex | - | Embedded ML models for SBL analytics and fee prediction |